Winter Period

\$8.30 per kW per month of the customer's onpeak billing demand, plus

\$3.30 per kW per month of the amount, if any, by which the customer's

offpeak billing demand exceeds its onpeak billing demand, plus

\$8.30 per kW per month of the amount, if any, by which (1) the customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract

demand, whichever is higher

Transition Period

\$3.30 per kW per month of the customer's offpeak billing demand, plus

\$8.30 per kW per month of the amount, if any, by which the customer's

offpeak billing demand exceeds its offpeak contract demand

Energy Charge:

Summer Period

6.372¢ per kWh per month for all onpeak kWh, plus

3.226¢ per kWh per month for the first 425 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

1.482¢ per kWh per month for the next 195 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

0.004¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours multiplied by the ratio of offpeak energy to total energy

Winter Period

3.579¢ per kWh per month for all onpeak kWh, plus

3.226¢ per kWh per month for the first 425 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

1.482¢ per kWh per month for the next 195 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

0.004¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours multiplied by the ratio of offpeak energy to total energy

Transition Period

3.226¢ per kWh per month for the first 425 hours use of maximum metered demand, plus

1.482¢ per kWh per month for the next 195 hours use of maximum metered demand, plus

0.004¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours

For the Summer Period, Winter Period and Transition Period, 3.226¢ per kWh per month shall be applied to the portion, if any, of the minimum offpeak energy takings amount that is greater than the metered energy.

<u>Adjustment</u>

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective onpeak or offpeak contract demand, whichever is higher, and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Onpeak and Offpeak Hours

Except for Saturdays and Sundays and the weekdays that are observed as Federal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, onpeak hours for each day shall be from 1 p.m. to 7 p.m. during the Summer Period and from 4 a.m. to 10 a.m. during the Winter Period. For the Summer Period and the Winter Period, all other hours of each day that are not otherwise defined as onpeak hours and all hours of such excepted days shall be offpeak hours. For the Transition Period, all hours shall be offpeak hours. Such times shall be Central Standard Time or Central Daylight Time, whichever is then in effect. Said onpeak and offpeak hours are subject to change by TVA. In the event TVA determines that such changed onpeak and offpeak hours are appropriate, it shall so notify Distributor at least 12 months prior to the effective date of such changed hours, and Distributor shall promptly notify customer.

<u>Determination of Onpeak and Offpeak Demands,</u> <u>Maximum Metered Demand, and Energy Amounts</u>

The onpeak and offpeak kWh for any month shall be the energy amounts taken during the respective hours of the month designated under this rate schedule as onpeak and offpeak hours; provided, however, that notwithstanding the metered energy amount, the offpeak energy for any month shall in no case be less than the product of (1) the offpeak billing demand as calculated in the last sentence of the paragraph below and (2) 110 hours (reflecting a 15 percent load factor applied to the average number of hours in a month).

Distributor shall meter the onpeak and offpeak demands in kW of all customers taking service under this rate schedule. The onpeak metered demand and offpeak metered demand for any month shall be determined separately for the respective hours of the month designated under this rate schedule as onpeak and offpeak hours and in each case shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and, except as provided below in this section, such amounts shall be used as the onpeak and offpeak billing demands. The maximum metered demand for any month shall be the higher of (1) the highest onpeak metered demand in the month or (2) the highest offpeak metered demand in the month. The onpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, and (3) 50 percent of any kW in excess of 25,000 kW of the higher of the currently effective onpeak contract demand or the highest onpeak billing demand established during the preceding 12 months. The offpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, and (3) 50 percent of any kW in excess of 25,000 kW of the higher of the currently effective offpeak contract demand or the highest offpeak billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the portion of the base demand charge, as adjusted, (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applicable to onpeak billing demand applied to the customer's onpeak billing demand, (3) the portion of the base demand charge, as adjusted, (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applicable to any excess of offpeak over onpeak billing demand applied to the amount, if any, by which the customer's offpeak billing demand exceeds its onpeak billing demand, (4) the base onpeak energy charge, as adjusted, applied to the customer's onpeak energy takings, and (5) the base offpeak energy charge, as adjusted, applied to the higher of customer's actual offpeak energy takings or the minimum offpeak energy takings amount provided for in the first paragraph of the section of this rate schedule entitled "Determination of Onpeak and Offpeak Demands, Maximum Metered Demand, and Energy Amounts".

Distributor may require minimum bills higher than those stated above, including, without limitation, charges to cover any additional metering and related costs.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 1 year; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 4 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the

customer's currently effective onpeak or offpeak contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

GENERAL POWER RATE--SCHEDULE GSD

(April 2011)

Availability

This rate shall apply to the firm electric power requirements where a customer's currently effective onpeak or offpeak contract demand, whichever is higher, is greater than 25,000 kW; provided that the other conditions of this section are met.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meterreading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

For a customer requesting that its onpeak contract demand be different from its offpeak contract demand, this rate schedule shall be available only for (1) a new contract, (2) a replacement or renewal contract following expiration of the existing contract, or (3) a replacement or renewal contract or an amended existing contract in which the customer is increasing its demand requirements above the existing contract demand level, but under this item (3) neither the new onpeak nor the new offpeak contract demand shall be lower than the customer's existing contract demand.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Demand Charge:

Summer Period

\$14.82 per kW per month of the customer's onpeak billing demand, plus

\$3,19 per kW per month of the amount, if any, by which the customer's offpeak billing demand exceeds its onpeak billing demand, plus

\$14.82 per kW per month of the amount, if any, by which (1) the customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract

demand, whichever is higher

Winter Period

\$8.19 per kW per month of the customer's onpeak billing demand, plus

\$3.19 per kW per month of the amount, if any, by which the customer's offpeak billing demand exceeds its onpeak billing demand, plus

\$8.19 per kW per month of the amount, if any, by which (1) the

customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract demand, whichever is higher

demand, whichever is higher

Transition Period

\$3.19 per kW per month of the customer's offpeak billing demand, plus

\$8.19 per kW per month of the amount, if any, by which the customer's offpeak billing demand exceeds its offpeak contract demand

Energy Charge:

Summer Period

6.229¢ per kWh per month for all onpeak kWh, plus

 2.986ϕ per kWh per month for the first 425 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

1.243¢ per kWh per month for the next 195 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

-0.237¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours multiplied by the ratio of offpeak energy to total energy

Winter Period

3.356¢ per kWh per month for all onpeak kWh, plus

2.986¢ per kWh per month for the first 425 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

1.243¢ per kWh per month for the next 195 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

 -0.237¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours multiplied by the ratio of offpeak energy to total energy

Transition Period

2.986¢ per kWh per month for the first 425 hours use of maximum metered demand, plus

1.243¢ per kWh per month for the next 195 hours use of maximum metered demand, plus

-0.237¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours

For the Summer Period, Winter Period and Transition Period, 2.986¢ per kWh per month shall be applied to the portion, if any, of the minimum offpeak energy takings amount that is greater than the metered energy.

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective onpeak or offpeak contract demand, whichever is higher, and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Onpeak and Offpeak Hours

Except for Saturdays and Sundays and the weekdays that are observed as Federal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, onpeak hours for each day shall be from 1 p.m. to 7 p.m. during the Summer Period and from 4 a.m. to 10 a.m. during the Winter Period. For the Summer Period and the Winter Period, all other hours of each day that are not otherwise defined as onpeak hours and all hours of such excepted days shall be offpeak hours. For the Transition Period, all hours shall be offpeak hours. Such times shall be Central Standard Time or Central Daylight Time, whichever is then in effect. Said onpeak and offpeak hours are subject to change by TVA. In the event TVA determines that such changed onpeak and offpeak hours are appropriate, it shall so notify Distributor at least 12 months prior to the effective date of such changed hours, and Distributor shall promptly notify customer.

<u>Determination of Onpeak and Offpeak Demands</u>, Maximum Metered Demand, and Energy Amounts

The onpeak and offpeak kWh for any month shall be the energy amounts taken during the respective hours of the month designated under this rate schedule as onpeak and offpeak hours; provided, however, that notwithstanding the metered energy amount, the offpeak energy for any month shall in no case be less than the product of (1) the offpeak billing demand as calculated in the last sentence of the paragraph below and (2) 110 hours (reflecting a 15 percent load factor applied to the average number of hours in a month).

Distributor shall meter the onpeak and offpeak demands in kW of all customers taking service under this rate schedule. The onpeak metered demand and offpeak metered demand for any month shall be determined separately for the respective hours of the month designated under this rate schedule as onpeak and offpeak hours and in each case shall be the highest average during any 30-consecutiveminute period beginning or ending on a clock hour of the month of the load metered in kW, and, except as provided below in this section, such amounts shall be used as the onpeak and offpeak billing demands. The maximum metered demand for any month shall be the higher of (1) the highest onpeak metered demand in the month or (2) the highest offpeak metered demand in the month. The onpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, (3) 50 percent of the next 25,000 kW, (4) 60 percent of the next 50,000 kW, (5) 70 percent of the next 100,000 kW, (6) 80 percent of the next 150,000 kW, and (7) 85 percent of all kW in excess of 350,000 kW of the higher of the currently effective onpeak contract demand or the highest onpeak billing demand established during the preceding 12 months. The offpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, (3) 50 percent of the next 25,000 kW, (4) 60 percent of the next 50,000 kW, (5) 70 percent of the next 100,000 kW, (6) 80 percent of the next 150,000 kW, and (7) 85 percent of all kW in excess of 350,000 kW of the higher of the currently effective offpeak contract demand or the highest offpeak billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the portion of the base demand charge, as adjusted, (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applicable to onpeak billing demand applied to the customer's onpeak billing demand, (3) the portion of the base demand charge, as adjusted, (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applicable to any excess of offpeak over onpeak billing demand applied to the amount, if any, by which the customer's offpeak billing demand exceeds its onpeak billing demand, (4) the base onpeak energy charge, as adjusted, applied to the customer's onpeak energy takings, and (5) the base offpeak energy charge, as adjusted, applied to the higher of customer's actual offpeak energy takings or the minimum offpeak energy takings amount provided for in the first paragraph of the section of this rate schedule entitled "Determination of Onpeak and Offpeak Demands, Maximum Metered Demand, and Energy Amounts".

Distributor may require minimum bills higher than those stated above, including, without limitation, charges to cover any additional metering and related costs.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 5 years; after 10 years of service, any such contract for the renewal or extension of

service may provide for termination upon not less than 16 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective onpeak or offpeak contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

TIME-OF-USE GENERAL POWER RATE--SCHEDULE TGSA

(April 2011)

Availability

This rate shall be available for the firm power requirements (where a customer's contract demand is 5,000 kW or less) for electric service to commercial, industrial, and governmental customers, and to institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or agreed to by Distributor.

Base Charges

1. If (a) the higher of (i) the customer's currently effective contract demand, if any, or (ii) its highest billing demand during the latest 12-month period is not more than 50 kW and (b) the customer's monthly energy takings for any month during such period do not exceed 15,000 kWh:

Customer Charge:

\$45.00 per delivery point per month

Right-of-way

Clearing Surcharge:

\$3.25 per meter per month

Energy Charge:

Summer Period 9.451¢ per kWh per month for all onpeak kWh, plus

8.351¢ per kWh per month for all offpeak kWh

Winter Period 9.089¢

9.089¢ per kWh per month for all onpeak kWh, plus

8.589¢ per kWh per month for all offpeak kWh

Transition Period 8.625¢ per kWh per month for all kWh

2. If (a) the higher of (i) the customer's currently effective contract demand or (ii) its highest billing demand during the latest 12-month period is greater than 50 kW but not more than 1,000 kW or (b) the customer's billing demand is not more than 50 kW and its energy takings for any month during such period exceed 15,000 kWh:

Customer Charge:

\$68.50 per delivery point per month

Right-of-way

Clearing Surcharge:

\$3.25 per meter per month

Demand Charge:

Summer Period

First 50 kW of billing demand per month, no demand charge

Excess over 50 kW of billing demand per month, at \$16.05 per kW

Winter Period

First 50 kW of billing demand per month, no demand charge

Excess over 50 kW of billing demand per month, at \$15.23 per kW

Transition Period First 50 kW of billing demand per month, no demand charge

Excess over 50 kW of billing demand per month, at \$15.23 per kW

Energy Charge:

Summer Period

9.608¢ per kWh per month for all onpeak kWh, plus

8.508¢ per kWh per month for all offpeak kWh

Winter Period

9.246¢ per kWh per month for all onpeak kWh, plus

8.746¢ per kWh per month for all offpeak kWh

Transition Period 8.782¢ per kWh per month for all kWh

3. If the higher of (a) the customer's currently effective contract demand or (b) its highest billing demand during the latest 12-month period is greater than 1,000 kW:

Customer Charge:

\$131.50 per delivery point per month

Right-of-way

Clearing Surcharge:

\$3.25 per meter per month

Demand Charge:

Summer Period

First 1,000 kW of billing demand per month, at \$14.75 per kW

Excess over 1,000 kW of billing demand per month, at \$14.36 per kW,

plus an additional

\$14.36 per kW per month for each kW, if any, of the amount by which the customer's billing demand exceeds the higher of 2,500 kW or its contract

demand

Winter Period

First 1,000 kW of billing demand per month, at \$13.93 per kW

Excess over 1,000 kW of billing demand per month, at \$13.54 per kW,

plus an additional

\$13.54 per kW per month for each kW, if any, of the amount by which the customer's billing demand exceeds the higher of 2,500 kW or its contract

demand

Transition Period First 1,000 kW of billing demand per month, at \$13.93 per kW

Excess over 1,000 kW of billing demand per month, at \$13.54 per kW, plus an additional

\$13.54 per kW per month for each kW, if any, of the amount by which the customer's billing demand exceeds the higher of 2,500 kW or its contract demand

Energy Charge:

Summer Period 4.478¢ per kWh per month for all onpeak kWh, plus

3.378¢ per kWh per month for all offpeak kWh

Winter Period

4.128¢ per kWh per month for all onpeak kWh, plus

3.628¢ per kWh per month for all offpeak kWh

Transition Period 3.728¢ per kWh per month for all kWh

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Onpeak and Offpeak Hours

Except for Saturdays and Sundays and the weekdays that are observed as Federal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, onpeak hours for each day shall be from 12 p.m. to 8 p.m. during the Summer Period and from 4 a.m. to 10 a.m. during the Winter Period. For the Summer Period and the Winter Period, all other hours of each day that are not otherwise defined as onpeak hours and all hours of such excepted days shall be offpeak hours. For the Transition Period, all hours shall be offpeak hours. Such times shall be Central Standard Time or Central Daylight Time, whichever is then in effect. Said onpeak and offpeak hours are subject to change by TVA. In the event TVA determines that such changed onpeak and offpeak hours are appropriate, it shall so notify Distributor at least 12 months prior to the effective date of such changed hours, and Distributor shall promptly notify customer.

Determination of Onpeak and Offpeak Energy Amounts

The onpeak and offpeak kWh for any month shall be the energy amounts taken during the respective hours of the month designated under this rate schedule as onpeak and offpeak hours.

Determination of Demand

Distributor shall meter the demands in kW of all customers having loads in excess of 50 kW. The metered demand for any month shall be the highest average during any 30-consecutive-minute period of

the month of the load metered in kW. The measured demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load metered in kW or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such measured demand shall be used as the billing demand, except that the billing demand for any month shall in no case be less than 30 percent of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule shall not be less than the sum of (a) the base customer charge, (b) the base demand charge, as adjusted, applied to the customer's billing demand, (c) the base onpeak energy charge, as adjusted, applied to the customer's onpeak energy takings, and (d) the base offpeak energy charge, as adjusted, applied to the customer's offpeak energy takings; provided, however, under 2 of the Base Charges, the monthly bill shall in no event be less than the sum of (a) the base customer charge, (b) 20 percent of the portion of the base demand charge, as adjusted, applicable to the second block (excess over 50 kW) of billing demand, multiplied by the higher of the customer's currently effective contract demand or its highest billing demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 2,500 kW and shall pay the above charges, as adjusted, plus an additional seasonal use charge equal to (1) 1.33¢ per kWh per month under 1 of the Base Charges, (2) the sum of 1.33¢ per kWh for the first 15,000 kWh per month and \$4.00 per kW per month of billing demand in excess of 50 kW under 2 of the Base Charges, and (3) \$4.00 per kW per month of billing demand under 3 of the Base Charges. Consistent with Distributor's standard policy, the customer may arrange for seasonal testing of equipment during offpeak hours.

For such customers, the minimum bill provided for above shall not apply. Distributor may require additional charges to provide recovery of costs for customer-specific distribution facilities.

Contract Requirement

Distributor shall require contracts for service provided under this rate schedule and such contracts shall be for an initial term of at least 1 year. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least 1 year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the General Power Rate--Schedule GSA. In such case the term of the power contract shall remain the same and the contract demand for service under the General Power Rate--Schedule GSA shall not be less than the onpeak contract demand in effect when service was taken under this rate schedule.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

OUTDOOR LIGHTING RATE--SCHEDULE LS

(April 2011)

Availability

Available for service to street and park lighting systems, traffic signal systems, athletic field lighting installations, and outdoor lighting for individual customers.

Service under this schedule is for a term of not less than 1 year.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Adjustment

The energy charge in Part A and Part B of this rate schedule shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, the energy charge in Part A and Part B of this rate schedule shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

PART A--CHARGES FOR STREET AND PARK LIGHTING SYSTEMS, TRAFFIC SIGNAL SYSTEMS, AND ATHLETIC FIELD LIGHTING INSTALLATIONS

I. Energy Charge:

Summer Period 3.726¢ per kWh per month

Winter Period 3.714¢ per kWh per month

Transition Period 3.650¢ per kWh per month

II. Facility Charge

The annual facility charge shall be 15 percent of the installed cost to Distributor's electric system of the facilities devoted to street and park lighting service specified in this Part A. Such installed cost shall be recomputed on July 1 of each year, or more often if substantial changes in the facilities are made. Each month, one-twelfth of the then total annual facility charge shall be billed to the customer. If any part of the facilities has not been provided at the electric

system's expense or if the installed cost of any portion thereof is reflected on the books of another municipality or agency or department, the annual facility charge shall be adjusted to reflect properly the remaining cost to be borne by the electric system.

Traffic signal systems and athletic field lighting installations shall be provided, owned, and maintained by and at the expense of the customer, except as Distributor may agree otherwise in accordance with the provisions of the paragraph next following in this section II. The facilities necessary to provide service to such systems and installations shall be provided by and at the expense of Distributor's electric system, and the annual facility charge provided for first above in this section II shall apply to the installed cost of such facilities.

When so authorized by policy duly adopted by Distributor's governing board, traffic signal systems and athletic field lighting installations may be provided, owned, and maintained by Distributor's electric system for the customer's benefit. In such cases Distributor may require reimbursement from the customer for a portion of the initial installed cost of any such system or installation and shall require payment by the customer of a facility charge sufficient to cover all of Distributor's costs (except reimbursed costs), including appropriate overheads, of providing, owning, and maintaining such system or installation; provided that, for athletic field lighting installations, such facility charge shall in no case be less than 12 percent per year of such costs. Said facility charge shall be in addition to the annual facility charge on the facilities necessary to provide service to such system or installation as provided for in the preceding paragraph. Replacement of lamps and related glassware for traffic signal systems and athletic field lighting installations provided under this paragraph shall be paid for under the provisions of paragraph A in Section IV.

III. Customer Charge - Traffic Signal Systems and Athletic Field Lighting Installations.

Distributor shall apply a uniform monthly customer charge of \$2.50 for service to each traffic signal system or athletic field lighting installation.

Replacement of Lamps and Related Glassware - Street and Park Lighting

Customer shall be billed and shall pay for replacements as provided in paragraph B below, which shall be applied to all service for street and park lighting.

- A. Distributor shall bill the customer monthly for such replacements during each month at Distributor's cost of materials, including appropriate storeroom expense.
- B. Distributor shall bill the customer monthly for one-twelfth of the amount by which Distributor's cost of materials, including appropriate storeroom expense, exceeds the product of 3 mills multiplied by the number of kilowatthours used for street and park lighting during the fiscal year immediately preceding the fiscal year in which such month occurs.
- V. Right-of-way Clearing Surcharge: \$3.25 per meter per month for service to street and park lighting systems, traffic signal systems, and athletic field lighting installations.

<u>Metering</u>

For any billing month or part of such month In which the energy is not metered or for which a meter reading is found to be in error or a meter is found to have failed, the energy for billing purposes for that billing month or part of such month shall be computed from the rated capacity of the lamps (including ballast) plus 5 percent of such capacity to reflect secondary circuit losses, multiplied by the number of hours of use.

Revenue and Cost Review

Distributor's costs of providing service under Part A of this rate schedule are subject to review at any time and from time to time to determine if Distributor's revenues from the charges being applied are sufficient to cover its costs. (Such costs, including applicable overheads, include, but are not limited to, those incurred in the operation and maintenance of the systems provided and those resulting from depreciation and payments for taxes, tax equivalents and interest.) If any such review discloses that revenues are either less or more than sufficient to cover said costs, Distributor shall revise the above facility charges so that revenues will be sufficient to cover said costs. Any such revision of the annual facility charge provided for first above in section II of Part A of this rate schedule shall be by agreement between Distributor and TVA.

PART B--CHARGES FOR OUTDOOR LIGHTING FOR INDIVIDUAL CUSTOMERS

Charges Per Fixture Per Month

(a) <u>Type of Fixture</u>		mp Size (Lumens)	Rated kWh	Facility <u>Charge</u>
Mercury Vapor or Incandescent	175 250	7,650 10,400	70 98	\$4.43 \$3.21
	400	19,100	155	\$5.92
	700 1,000	33,600 47,500	266 378	\$5.48 \$6.98
High Pressure Sodium	70	4,860	31	\$3.85
	100 150	8,550 14,400	42 63	\$4.95 \$4.90
	200	18,900	82	\$4.61
	250 400	23,000 45,000	105 165	\$4.87 \$5.87
	1,000	126,000	385	\$10.40
Low Pressure Sodium	55 90	7,650 12,750	32 53	\$3.87 \$6.44
	135	22,000	75	\$8.49
	180	33,000	93	\$9.64

(b) Energy Charge: For each lamp size under (a) above,

Summer Period 3.726¢ per kWh per month

Winter Period 3.714¢ per kWh per month

Transition Period 3.650¢ per kWh per month

Additional Facilities

The above charges in this Part B are limited to service from a photoelectrically controlled standard lighting fixture installed on a pole already in place. If the customer wishes to have the fixture installed at a location other than on a pole already in place, Distributor may apply an additional monthly charge.

Lamp Replacements

Replacements of lamps and related glassware will be made in accordance with replacement policies of Distributor without additional charge to the customer.

Special Outdoor Lighting Installations

When so authorized by policy duly adopted by Distributor's governing board, special outdoor lighting installations (other than as provided for under Parts A and B above) may be provided, owned, and maintained by Distributor's electric system. In such cases Distributor may require reimbursement from the customer for a portion of the initial installed cost of any such installation and shall require payment by the customer of monthly charges sufficient to cover all of Distributor's costs (except reimbursed costs), including appropriate overheads, or providing, owning, and maintaining such installations, and making lamp replacements.

Service is subject to Rules and Regulations of Distributor.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

MANUFACTURING SERVICE RATE--SCHEDULE MSB

(April 2011)

<u>Availability</u>

This rate shall apply to the firm electric power requirements where (a) a customer's currently effective onpeak or offpeak contract demand, whichever is higher, is greater than 5,000 kW but not more than 15,000 kW, and (b) the major use of electricity is for activities conducted at the delivery point serving that customer which are classified with a 2-digit Standard Industrial Classification Code between 20 and 39, inclusive, or classified with 2002 North American Industry Classification System (NAICS) code 5181, or 2007 NAICS codes 5182, 522320, and 541214; provided, however, customers qualifying for service under this schedule on the basis of such a NAICS code shall have an average monthly load factor of at least 80 percent during the preceding 12 months; provided further, however, that for the first 12 months of service to a new customer this load factor requirement shall be based on the customer's expected load factor for those 12 months as projected before the customer begins taking service; provided that the other conditions of this section are met. As used in the previous sentence "monthly load factor" shall mean a percentage calculated by dividing the total metered energy for a month by the product of the metered demand for that month and the number of clock hours in that month, exclusive of any hours during which power was unavailable due to an interruption or curtailment of the customer's service and of any hours in which the customer was unable to use power due to a Force Majeure event reasonably beyond the customer's control.

Prior to initially taking any service under this schedule, and from time to time thereafter as may be required by Distributor or the Tennessee Valley Authority (TVA), a customer shall certify to both Distributor and TVA that it meets the requirements set forth in condition (b) above. The certification form to be used shall be (i) furnished or approved by TVA, (ii) provided by Distributor to the customer, and (iii) signed and promptly returned by the customer to Distributor. Further, such customer shall promptly certify any change in the status of any of the information contained in the certification form to Distributor.

Service during any period for which a customer does not meet the eligibility requirements set forth in condition (b) above will be made available by Distributor under, and billed in accordance with, the applicable General Power schedule.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meter-reading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

For a customer requesting that its onpeak contract demand be different from its offpeak contract demand, this rate schedule shall be available only for (1) a new contract, (2) a replacement or renewal contract following expiration of the existing contract, or (3) a replacement or renewal contract or an amended existing contract in which the customer is increasing its demand requirements above the existing contract demand level, but under this item (3) neither the new onpeak nor the new offpeak contract demand shall be lower than the customer's existing contract demand.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Demand Charge:

Summer Period

\$15.44 per kW per month of the customer's onpeak billing demand, plus

\$3.81 per kW per month of the amount, if any, by which the customer's

offpeak billing demand exceeds its onpeak billing demand, plus

\$15.44 per kW per month of the amount, if any, by which (1) the customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract

demand, whichever is higher

Winter Period

\$8.81 per kW per month of the customer's onpeak billing demand, plus

\$3.81 per kW per month of the amount, if any, by which the customer's

offpeak billing demand exceeds its onpeak billing demand, plus

\$8.81 per kW per month of the amount, if any, by which (1) the

customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract

demand, whichever is higher

Transition Period

\$3.81 per kW per month of the customer's offpeak billing demand, plus

\$8.81 per kW per month of the amount, if any, by which the customer's

offpeak billing demand exceeds its offpeak contract demand

Energy Charge:

Summer Period

5.290¢ per kWh per month for all onpeak kWh, plus

2.090¢ per kWh per month for the first 425 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

0.348¢ per kWh per month for the next 195 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

-1.131¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours multiplied by the ratio of offpeak energy to total energy

Winter Period

2.487¢ per kWh per month for all onpeak kWh, plus

2.090¢ per kWh per month for the first 425 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

0.348¢ per kWh per month for the next 195 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

-1.131¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours multiplied by the ratio of offpeak energy to total energy

Transition Period

2.090¢ per kWh per month for the first 425 hours use of maximum metered demand, plus

0.348¢ per kWh per month for the next 195 hours use of maximum metered demand, plus

-1.131¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours

For the Summer Period, Winter Period and Transition Period, 2.090¢ per kWh per month shall be applied to the portion, if any, of the minimum offpeak energy takings amount that is greater than the metered energy.

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective onpeak or offpeak contract demand, whichever is higher, and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Onpeak and Offpeak Hours

Except for Saturdays and Sundays and the weekdays that are observed as Federal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, onpeak hours for each day shall be from 1 p.m. to 7 p.m. during the Summer Period and from 4 a.m. to 10 a.m. during the Winter Period. For the Summer Period and the Winter Period, all other hours of each day that are not otherwise defined as onpeak hours and all hours of such excepted days shall be offpeak hours. For the Transition Period, all hours shall be offpeak hours. Such times shall be Central Standard Time or Central Daylight Time, whichever is then in effect. Said onpeak and offpeak hours are subject to change by TVA. In the event TVA determines that such changed onpeak and offpeak hours are appropriate, it shall so notify Distributor at least 12 months prior to the effective date of such changed hours, and Distributor shall promptly notify customer.

<u>Determination of Onpeak and Offpeak Demands.</u> Maximum Metered Demand, and Energy Amounts

The onpeak and offpeak kWh for any month shall be the energy amounts taken during the respective hours of the month designated under this rate schedule as onpeak and offpeak hours; provided, however, that notwithstanding the metered energy amount, the offpeak energy for any month shall in no case be less than the product of (1) the offpeak billing demand as calculated in the last sentence of the paragraph below and (2) 110 hours (reflecting a 15 percent load factor applied to the average number of hours in a month).

Distributor shall meter the onpeak and offpeak demands in kW of all customers taking service under this rate schedule. The onpeak metered demand and offpeak metered demand for any month shall be determined separately for the respective hours of the month designated under this rate schedule as onpeak and offpeak hours and in each case shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and, except as provided below in this section, such amounts shall be used as the onpeak and offpeak billing demands. The maximum metered demand for any month shall be the higher of (1) the highest onpeak metered demand in the month or (2) the highest offpeak metered demand in the month. The onpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW and (2) 40 percent of any kW in excess of 5,000 kW of the higher of the currently effective onpeak contract demand or the

highest onpeak billing demand established during the preceding 12 months. The offpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW and (2) 40 percent of any kW in excess of 5,000 kW of the higher of the currently effective offpeak contract demand or the highest offpeak billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the portion of the base demand charge, as adjusted, (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applicable to onpeak billing demand applied to the customer's onpeak billing demand, (3) the portion of the base demand charge, as adjusted, (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applicable to any excess of offpeak over onpeak billing demand applied to the amount, if any, by which the customer's offpeak billing demand exceeds its onpeak billing demand, (4) the base onpeak energy charge, as adjusted, applied to the customer's onpeak energy takings, and (5) the base offpeak energy charge, as adjusted, applied to the higher of customer's actual offpeak energy takings or the minimum offpeak energy takings amount provided for in the first paragraph of the section of this rate schedule entitled "Determination of Onpeak and Offpeak Demands, Maximum Metered Demand, and Energy Amounts".

Distributor may require minimum bills higher than those stated above, including, without limitation, charges to cover any additional metering and related costs.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the Initial contract shall be for a term of at least 1 year; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 4 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective onpeak or offpeak contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

MANUFACTURING SERVICE RATE-SCHEDULE MSC

(April 2011)

Availability

This rate shall apply to the firm electric power requirements where (a) a customer's currently effective onpeak or offpeak contract demand, whichever is higher, is greater than 15,000 kW but not more than 25,000 kW, and (b) the major use of electricity is for activities conducted at the delivery point serving that customer which are classified with a 2-digit Standard Industrial Classification Code between 20 and 39, inclusive, or classified with 2002 North American Industry Classification System (NAICS) code 5181, or 2007 NAICS codes 5182, 522320, and 541214; provided, however, customers qualifying for service under this schedule on the basis of such a NAICS code shall have an average monthly load factor of at least 80 percent during the preceding 12 months; provided further, however, that for the first 12 months of service to a new customer this load factor requirement shall be based on the customer's expected load factor for those 12 months as projected before the customer begins taking service; provided that the other conditions of this section are met. As used in the previous sentence "monthly load factor" shall mean a percentage calculated by dividing the total metered energy for a month by the product of the metered demand for that month and the number of clock hours in that month, exclusive of any hours during which power was unavailable due to an interruption or curtailment of the customer's service and of any hours in which the customer was unable to use power due to a Force Majeure event reasonably beyond the customer's control.

Prior to initially taking any service under this schedule, and from time to time thereafter as may be required by Distributor or the Tennessee Valley Authority (TVA), a customer shall certify to both Distributor and TVA that it meets the requirements set forth in condition (b) above. The certification form to be used shall be (i) furnished or approved by TVA, (ii) provided by Distributor to the customer, and (iii) signed and promptly returned by the customer to Distributor. Further, such customer shall promptly certify any change in the status of any of the Information contained in the certification form to Distributor.

Service during any period for which a customer does not meet the eligibility requirements set forth in condition (b) above will be made available by Distributor under, and billed in accordance with, the applicable General Power schedule.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meter-reading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

For a customer requesting that its onpeak contract demand be different from its offpeak contract demand, this rate schedule shall be available only for (1) a new contract, (2) a replacement or renewal contract following expiration of the existing contract, or (3) a replacement or renewal contract or an amended existing contract in which the customer is increasing its demand requirements above the existing contract demand level, but under this item (3) neither the new onpeak nor the new offpeak contract demand shall be lower than the customer's existing contract demand.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Demand Charge:

Summer Period

\$14.93 per kW per month of the customer's onpeak billing demand, plus

\$3.30 per kW per month of the amount, if any, by which the customer's

offpeak billing demand exceeds its onpeak billing demand, plus

\$14.93 per kW per month of the amount, if any, by which (1) the customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract

demand, whichever is higher

Winter Period

\$8.30 per kW per month of the customer's onpeak billing demand, plus

\$3.30 per kW per month of the amount, if any, by which the customer's

offpeak billing demand exceeds its onpeak billing demand, plus

\$8.30 per kW per month of the amount, if any, by which (1) the

customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract

demand, whichever is higher

Transition Period

\$3.30 per kW per month of the customer's offpeak billing demand, plus

\$8.30 per kW per month of the amount, if any, by which the customer's

offpeak billing demand exceeds its offpeak contract demand

Energy Charge:

Summer Period

5.367¢ per kWh per month for all onpeak kWh, plus

2.076¢ per kWh per month for the first 425 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy,

plus

0.335¢ per kWh per month for the next 195 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy,

-1.143¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours multiplied by the ratio of offpeak energy to total energy

Winter Period

2.501¢ per kWh per month for all onpeak kWh, plus

2.076¢ per kWh per month for the first 425 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

0.335¢ per kWh per month for the next 195 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

-1.143¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours multiplied by the ratio of offpeak energy to total energy

Transition Period

2.076¢ per kWh per month for the first 425 hours use of maximum metered demand, plus

0.335¢ per kWh per month for the next 195 hours use of maximum metered demand, plus

-1.143¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours

For the Summer Period, Winter Period and Transition Period, 2.076¢ per kWh per month shall be applied to the portion, if any, of the minimum offpeak energy takings amount that is greater than the metered energy.

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective onpeak or offpeak contract demand, whichever is higher, and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Onpeak and Offpeak Hours

Except for Saturdays and Sundays and the weekdays that are observed as Federal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, onpeak hours for each day shall be from 1 p.m. to 7 p.m. during the Summer Period and from 4 a.m. to 10 a.m. during the Winter Period. For the Summer Period and the Winter Period, all other hours of each day that are not otherwise defined as onpeak hours and all hours of such excepted days shall be offpeak hours. For the Transition Period, all hours shall be offpeak hours. Such times shall be Central Standard Time or Central Daylight Time, whichever is then in effect. Said onpeak and offpeak hours are subject to change by TVA. In the event TVA determines that such changed onpeak and offpeak hours are appropriate, it shall so notify Distributor at least 12 months prior to the effective date of such changed hours, and Distributor shall promptly notify customer.

<u>Determination of Onpeak and Offpeak Demands,</u> Maximum Metered Demand, and Energy Amounts

The onpeak and offpeak kWh for any month shall be the energy amounts taken during the respective hours of the month designated under this rate schedule as onpeak and offpeak hours; provided, however, that notwithstanding the metered energy amount, the offpeak energy for any month shall in no case be less than the product of (1) the offpeak billing demand as calculated in the last sentence of the paragraph below and (2) 110 hours (reflecting a 15 percent load factor applied to the average number of hours in a month).

Distributor shall meter the onpeak and offpeak demands in kW of all customers taking service under this rate schedule. The onpeak metered demand and offpeak metered demand for any month shall be determined separately for the respective hours of the month designated under this rate schedule as onpeak and offpeak hours and in each case shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and, except as provided below in this section, such amounts shall be used as the onpeak and offpeak billing demands. The maximum metered demand for any month shall be the higher of (1) the highest onpeak metered demand in the month or (2) the highest offpeak metered demand in the month. The onpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, and (3) 50 percent of any kW in excess of 25,000 kW of the higher of the currently

effective onpeak contract demand or the highest onpeak billing demand established during the preceding 12 months. The offpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, and (3) 50 percent of any kW in excess of 25,000 kW of the higher of the currently effective offpeak contract demand or the highest offpeak billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the portion of the base demand charge, as adjusted, (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applicable to onpeak billing demand applied to the customer's onpeak billing demand, (3) the portion of the base demand charge, as adjusted, (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applicable to any excess of offpeak over onpeak billing demand applied to the amount, if any, by which the customer's offpeak billing demand exceeds its onpeak billing demand, (4) the base onpeak energy charge, as adjusted, applied to the customer's onpeak energy takings, and (5) the base offpeak energy charge, as adjusted, applied to the higher of customer's actual offpeak energy takings or the minimum offpeak energy takings amount provided for in the first paragraph of the section of this rate schedule entitled "Determination of Onpeak and Offpeak Demands, Maximum Metered Demand, and Energy Amounts".

Distributor may require minimum bills higher than those stated above, including, without limitation, charges to cover any additional metering and related costs.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 1 year; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 4 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective onpeak or offpeak contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

MANUFACTURING SERVICE RATE--SCHEDULE MSD

(April 2011)

Availability

This rate shall apply to the firm electric power requirements where (a) a customer's currently effective onpeak or offpeak contract demand, whichever is higher, is greater than 25,000 kW, and (b) the major use of electricity is for activities conducted at the delivery point serving that customer which are classified with a 2-digit Standard Industrial Classification Code between 20 and 39, inclusive, or classified with 2002 North American Industry Classification System (NAICS) code 5181, or 2007 NAICS codes 5182, 522320, and 541214; provided, however, customers qualifying for service under this schedule on the basis of such a NAICS code shall have an average monthly load factor of at least 80 percent during the preceding 12 months; provided further, however, that for the first 12 months of service to a new customer this load factor requirement shall be based on the customer's expected load factor for those 12 months as projected before the customer begins taking service; provided that the other conditions of this section are met. As used in the previous sentence "monthly load factor" shall mean a percentage calculated by dividing the total metered energy for a month by the product of the metered demand for that month and the number of clock hours in that month, exclusive of any hours during which power was unavailable due to an interruption or curtailment of the customer's service and of any hours in which the customer was unable to use power due to a Force Majeure event reasonably beyond the customer's control.

Prior to initially taking any service under this schedule, and from time to time thereafter as may be required by Distributor or the Tennessee Valley Authority (TVA), a customer shall certify to both Distributor and TVA that it meets the requirements set forth in condition (b) above. The certification form to be used shall be (i) furnished or approved by TVA, (ii) provided by Distributor to the customer, and (iii) signed and promptly returned by the customer to Distributor. Further, such customer shall promptly certify any change in the status of any of the information contained in the certification form to Distributor.

Service during any period for which a customer does not meet the eligibility requirements set forth in condition (b) above will be made available by Distributor under, and billed in accordance with, the applicable General Power schedule.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meter-reading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

For a customer requesting that its onpeak contract demand be different from its offpeak contract demand, this rate schedule shall be available only for (1) a new contract, (2) a replacement or renewal contract following expiration of the existing contract, or (3) a replacement or renewal contract or an amended existing contract in which the customer is increasing its demand requirements above the existing contract demand level, but under this item (3) neither the new onpeak nor the new offpeak contract demand shall be lower than the customer's existing contract demand.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Demand Charge:

Summer Period

\$14.82 per kW per month of the customer's onpeak billing demand, plus

\$3.19 per kW per month of the amount, if any, by which the customer's

offpeak billing demand exceeds its onpeak billing demand, plus

\$14.82 per kW per month of the amount, if any, by which (1) the

customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract

demand, whichever is higher

Winter Period

\$8.19 per kW per month of the customer's onpeak billing demand, plus

\$3.19 per kW per month of the amount, if any, by which the customer's

offpeak billing demand exceeds its onpeak billing demand, plus

\$8.19 per kW per month of the amount, if any, by which (1) the

customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract

demand, whichever is higher

Transition Period

\$3.19 per kW per month of the customer's offpeak billing demand, plus

\$8.19 per kW per month of the amount, if any, by which the customer's

offpeak billing demand exceeds its offpeak contract demand

Energy Charge:

Summer Period

5.212¢ per kWh per month for all onpeak kWh, plus

1.924¢ per kWh per month for the first 425 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

0.181¢ per kWh per month for the next 195 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, sulg

-1.297¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours multiplied by the ratio of offpeak energy to total energy

Winter Period

2.330¢ per kWh per month for all onpeak kWh, plus

1.924¢ per kWh per month for the first 425 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy, plus

0.181¢ per kWh per month for the next 195 hours use of maximum metered demand multiplied by the ratio of offpeak energy to total energy.

-1.297¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours multiplied by the ratio of offpeak energy to total energy

Transition Period

1.924¢ per kWh per month for the first 425 hours use of maximum metered demand, plus

0.181¢ per kWh per month for the next 195 hours use of maximum metered demand, plus

-1.297¢ per kWh per month for the hours use of maximum metered demand in excess of 620 hours

For the Summer Period, Winter Period and Transition Period, 1.924¢ per kWh per month shall be applied to the portion, if any, of the minimum offpeak energy takings amount that is greater than the metered energy.

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective onpeak or offpeak contract demand, whichever is higher, and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Onpeak and Offpeak Hours

Except for Saturdays and Sundays and the weekdays that are observed as Federal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, onpeak hours for each day shall be from 1 p.m. to 7 p.m. during the Summer Period and from 4 a.m. to 10 a.m. during the Winter Period. For the Summer Period and the Winter Period, all other hours of each day that are not otherwise defined as onpeak hours and all hours of such excepted days shall be offpeak hours. For the Transition Period, all hours shall be offpeak hours. Such times shall be Central Standard Time or Central Daylight Time, whichever is then in effect. Said onpeak and offpeak hours are subject to change by TVA. In the event TVA determines that such changed onpeak and offpeak hours are appropriate, it shall so notify Distributor at least 12 months prior to the effective date of such changed hours, and Distributor shall promptly notify customer.

<u>Determination of Onpeak and Offpeak Demands</u>, <u>Maximum Metered Demand</u>, and <u>Energy Amounts</u>

The onpeak and offpeak kWh for any month shall be the energy amounts taken during the respective hours of the month designated under this rate schedule as onpeak and offpeak hours; provided, however, that notwithstanding the metered energy amount, the offpeak energy for any month shall in no case be less than the product of (1) the offpeak billing demand as calculated in the last sentence of the paragraph below and (2) 110 hours (reflecting a 15 percent load factor applied to the average number of hours in a month).

Distributor shall meter the onpeak and offpeak demands in kW of all customers taking service under this rate schedule. The onpeak metered demand and offpeak metered demand for any month shall be determined separately for the respective hours of the month designated under this rate schedule as onpeak and offpeak hours and in each case shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and, except as provided below in this section, such amounts shall be used as the onpeak and offpeak billing demands. The maximum metered demand for any month shall be the higher of (1) the highest onpeak metered demand in the month or (2) the highest offpeak metered demand in the month. The onpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, (3) 50 percent of the next 25,000 kW, (4) 60 percent of the next 50,000 kW, (5) 70

percent of the next 100,000 kW, (6) 80 percent of the next 150,000 kW, and (7) 85 percent of all kW in excess of 350,000 kW of the higher of the currently effective onpeak contract demand or the highest onpeak billing demand established during the preceding 12 months. The offpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, (3) 50 percent of the next 25,000 kW, (4) 60 percent of the next 50,000 kW, (5) 70 percent of the next 100,000 kW, (6) 80 percent of the next 150,000 kW, and (7) 85 percent of all kW in excess of 350,000 kW of the higher of the currently effective offpeak contract demand or the highest offpeak billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the portion of the base demand charge, as adjusted, (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applicable to onpeak billing demand applied to the customer's onpeak billing demand, (3) the portion of the base demand charge, as adjusted, (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applicable to any excess of offpeak over onpeak billing demand applied to the amount, if any, by which the customer's offpeak billing demand exceeds its onpeak billing demand, (4) the base onpeak energy charge, as adjusted, applied to the customer's onpeak energy takings, and (5) the base offpeak energy charge, as adjusted, applied to the higher of customer's actual offpeak energy takings or the minimum offpeak energy takings amount provided for in the first paragraph of the section of this rate schedule entitled "Determination of Onpeak and Offpeak Demands, Maximum Metered Demand, and Energy Amounts".

Distributor may require minimum bills higher than those stated above, including, without limitation, charges to cover any additional metering and related costs.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 5 years; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 16 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective onpeak or offpeak contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

SEASONAL DEMAND AND ENERGY GENERAL POWER RATE--SCHEDULE SGSB

(April 2011)

Availability

This rate shall apply to the firm electric power requirements where a customer's currently effective contract demand is greater than 5,000 kW but not more than 15,000 kW.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meterreading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Right-of-Way

Clearing Surcharge:

\$3.25 per meter per month

Demand Charge:

Summer Period

\$20.19 per kW per month of the customer's billing demand, plus

\$20.19 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Winter Period

\$14.31 per kW per month of the customer's billing demand, plus

\$14.31 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Transition Perlod

\$9.89 per kW per month of the customer's billing demand, plus

\$9.89 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Energy Charge:

Summer Period

2.291¢ per kWh per month

Winter Period

1.909¢ per kWh per month

Transition Period

1.825¢ per kWh per month

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

<u>Determination of Seasonal Periods</u>

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Demand

Distributor shall meter the demands in kW of all customers served under this rate schedule. The metered demand for any month shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and such amount shall be used as the billing demand, except that the billing demand for any month shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW and (2) 40 percent of any kW in excess of 5,000 kW of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the base demand charge, as adjusted (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applied to the customer's billing demand, and (3) the base energy charge, as adjusted, applied to the customer's energy takings.

Distributor may require minimum bills higher than those stated above.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 1 year; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 4 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least one year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the General Power Rate—Schedule GSB. In such case the term of the power contract shall remain the same and the onpeak contract demand for service under the General Power Rate—Schedule GSB shall not be less than the contract demand in effect when service was taken under this rate schedule.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

SEASONAL DEMAND AND ENERGY GENERAL POWER RATE--SCHEDULE SGSC

(April 2011)

Availability

This rate shall apply to the firm electric power requirements where a customer's currently effective contract demand is greater than 15,000 kW but not more than 25,000 kW.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meterreading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Right-of-Way

Clearing Surcharge:

\$3,25 per meter per month

Demand Charge:

Summer Period

\$19.68 per kW per month of the customer's billing demand, plus

\$19.68 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Winter Period

\$13.80 per kW per month of the customer's billing demand, plus

\$13,80 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Transition Period

\$9.38 per kW per month of the customer's billing demand, plus

\$9,38 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Energy Charge:

Summer Period

2.302¢ per kWh per month

Winter Period

1.913¢ per kWh per month

Transition Period

1.830¢ per kWh per month

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Demand

Distributor shall meter the demands in kW of all customers served under this rate schedule. The metered demand for any month shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and such amount shall be used as the billing demand, except that the billing demand for any month shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, and (3) 50 percent of any kW in excess of 25,000 kW of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the base demand charge, as adjusted (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applied to the customer's billing demand, and (3) the base energy charge, as adjusted, applied to the customer's energy takings.

Distributor may require minimum bills higher than those stated above.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 1 year; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 4 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least one year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the General Power Rate--Schedule GSC. In such case the term of the power contract shall remain the same and the onpeak contract demand for service under the General Power Rate--Schedule GSC shall not be less than the contract demand in effect when service was taken under this rate schedule.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

SEASONAL DEMAND AND ENERGY GENERAL POWER RATE--SCHEDULE SGSD

(April 2011)

Availability

This rate shall apply to the firm electric power requirements where a customer's currently effective contract demand is greater than 25,000 kW.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meterreading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Right-of-Way

Clearing Surcharge:

\$3.25 per meter per month

Demand Charge:

Summer Period

\$22,88 per kW per month of the customer's billing demand, plus

\$22.88 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Winter Period

\$16.99 per kW per month of the customer's billing demand, plus

\$16.99 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Transition Period

\$12.58 per kW per month of the customer's billing demand, plus

\$12.58 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Energy Charge:

Summer Period

1,646¢ per kWh per month

Winter Period

1,306¢ per kWh per month

Transition Period

1,232¢ per kWh per month

<u>Adjustment</u>

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Demand

Distributor shall meter the demands in kW of all customers served under this rate schedule. The metered demand for any month shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and such amount shall be used as the billing demand, except that the billing demand for any month shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, (3) 50 percent of the next 25,000 kW, (4) 60 percent of the next 50,000 kW, (5) 70 percent of the next 100,000 kW, (6) 80 percent of the next 150,000 kW, and (7) 85 percent of all kW in excess of 350,000 kW of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the base demand charge, as adjusted (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applied to the customer's billing demand, and (3) the base energy charge, as adjusted, applied to the customer's energy takings.

Distributor may require minimum bills higher than those stated above.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 5 years; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 16 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least one year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the General Power Rate--Schedule GSD. In such case the term of the power contract shall remain the same and the onpeak contract demand for service under the General Power Rate--Schedule GSD shall not be less than the contract demand in effect when service was taken under this rate schedule.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

SEASONAL DEMAND AND ENERGY MANUFACTURING SERVICE RATE--SCHEDULE SMSB

(April 2011)

Availability

This rate shall apply to the firm electric power requirements where (a) a customer's currently effective contract demand is greater than 5,000 kW but not more than 15,000 kW and (b) the major use of electricity is for activities conducted at the delivery point serving that customer which are classified with a 2-digit Standard Industrial Classification Code between 20 and 39, inclusive, or classified with 2002 North American Industry Classification System (NAICS) code 5181, or 2007 NAICS codes 5182, 522320, and 541214; provided, however, customers qualifying for service under this schedule on the basis of such a NAICS code shall have an average monthly load factor of at least 80 percent during the preceding 12 months; provided further, however, that for the first 12 months of service to a new customer this load factor requirement shall be based on the customer's expected load factor for those 12 months as projected before the customer begins taking service. As used in the previous sentence "monthly load factor" shall mean a percentage calculated by dividing the total metered energy for a month by the product of the metered demand for that month and the number of clock hours in that month, exclusive of any hours during which power was unavailable due to an interruption or curtailment of the customer's service and of any hours in which the customer was unable to use power due to a Force Majeure event reasonably beyond the customer's control.

Prior to initially taking any service under this schedule, and from time to time thereafter as may be required by Distributor or the Tennessee Valley Authority (TVA), a customer shall certify to both Distributor and TVA that it meets the requirements set forth in condition (b) above. The certification form to be used shall be (i) furnished or approved by TVA, (ii) provided by Distributor to the customer, and (iii) signed and promptly returned by the customer to Distributor. Further, such customer shall promptly certify any change in the status of any of the information contained in the certification form to Distributor.

Service during any period for which a customer does not meet the eligibility requirements set forth in condition (b) above will be made available by Distributor under, and billed in accordance with, the applicable General Power schedule.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meterreading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Right-of-Way

Clearing Surcharge:

\$3.25 per meter per month

Demand Charge:

Summer Period

\$17.49 per kW per month of the customer's billing demand, plus

\$17.49 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Winter Period

\$11.61 per kW per month of the customer's billing demand, plus

\$11.61 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Transition Period

\$7.19 per kW per month of the customer's billing demand, plus

\$7.19 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Energy Charge:

Summer Period

1.578¢ per kWh per month

Winter Period

1.146¢ per kWh per month

Transition Period

1.046¢ per kWh per month

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Demand

Distributor shall meter the demands in kW of all customers served under this rate schedule. The metered demand for any month shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and such amount shall be used as the billing demand, except that the billing demand for any month shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW and (2) 40 percent of any kW in excess of 5,000 kW of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the base demand charge, as adjusted (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applied to the customer's billing demand, and (3) the base energy charge, as adjusted, applied to the customer's energy takings.

Distributor may require minimum bills higher than those stated above.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 1 year; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 4 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least one year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the Manufacturing Service Rate--Schedule MSB. In such case the term of the power contract shall remain the same and the onpeak contract demand for service under the Manufacturing Service Rate--Schedule MSB shall not be less than the contract demand in effect when service was taken under this rate schedule.

<u>Payment</u>

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

SEASONAL DEMAND AND ENERGY MANUFACTURING SERVICE RATE--SCHEDULE SMSC

(April 2011)

<u>Availability</u>

This rate shall apply to the firm electric power requirements where (a) a customer's currently effective contract demand is greater than 15,000 kW but not more than 25,000 kW and (b) the major use of electricity is for activities conducted at the delivery point serving that customer which are classified with a 2-digit Standard Industrial Classification Code between 20 and 39, inclusive, or classified with 2002 North American Industry Classification System (NAICS) code 5181, or 2007 NAICS codes 5182, 522320, and 541214; provided, however, customers qualifying for service under this schedule on the basis of such a NAICS code shall have an average monthly load factor of at least 80 percent during the preceding 12 months; provided further, however, that for the first 12 months of service to a new customer this load factor requirement shall be based on the customer's expected load factor for those 12 months as projected before the customer begins taking service. As used in the previous sentence "monthly load factor" shall mean a percentage calculated by dividing the total metered energy for a month by the product of the metered demand for that month and the number of clock hours in that month, exclusive of any hours during which power was unavailable due to an interruption or curtailment of the customer's service and of any hours in which the customer was unable to use power due to a Force Majeure event reasonably beyond the customer's control.

Prior to initially taking any service under this schedule, and from time to time thereafter as may be required by Distributor or the Tennessee Valley Authority (TVA), a customer shall certify to both Distributor and TVA that it meets the requirements set forth in condition (b) above. The certification form to be used shall be (i) furnished or approved by TVA, (ii) provided by Distributor to the customer, and (iii) signed and promptly returned by the customer to Distributor. Further, such customer shall promptly certify any change in the status of any of the information contained in the certification form to Distributor.

Service during any period for which a customer does not meet the eligibility requirements set forth in condition (b) above will be made available by Distributor under, and billed in accordance with, the applicable General Power schedule.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meter-reading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Right-of-Way

Clearing Surcharge:

\$3.25 per meter per month

Demand Charge:

Summer Period

\$16.98 per kW per month of the customer's billing demand, plus

\$16.98 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Winter Period

\$11.10 per kW per month of the customer's billing demand, plus

\$11.10 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Transition Period

\$6.68 per kW per month of the customer's billing demand, plus

\$6.68 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Energy Charge:

Summer Period

1.550¢ per kWh per month

Winter Period

1.145¢ per kWh per month

Transition Period

1.049¢ per kWh per month

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

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Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Demand

Distributor shall meter the demands in kW of all customers served under this rate schedule. The metered demand for any month shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and such amount shall be used as the billing demand, except that the billing demand for any month shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, and (3) 50 percent of any kW in excess of 25,000 kW of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the base demand charge, as adjusted (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applied to the customer's billing demand, and (3) the base energy charge, as adjusted, applied to the customer's energy takings.

Distributor may require minimum bills higher than those stated above.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 1 year; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 4 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least one year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the Manufacturing Service Rate--Schedule MSC. In such case the term of the power contract shall remain the same and the onpeak contract demand for service under the Manufacturing Service Rate--Schedule MSC shall not be less than the contract demand in effect when service was taken under this rate schedule.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

SEASONAL DEMAND AND ENERGY MANUFACTURING SERVICE RATE--SCHEDULE SMSD

(April 2011)

<u>Availability</u>

This rate shall apply to the firm electric power requirements where (a) a customer's currently effective contract demand is greater than 25,000 kW and (b) the major use of electricity is for activities conducted at the delivery point serving that customer which are classified with a 2-digit Standard Industrial Classification Code between 20 and 39, inclusive, or classified with 2002 North American Industry Classification System (NAICS) code 5181, or 2007 NAICS codes 5182, 522320, and 541214; provided, however, customers qualifying for service under this schedule on the basis of such a NAICS code shall have an average monthly load factor of at least 80 percent during the preceding 12 months; provided further, however, that for the first 12 months of service to a new customer this load factor requirement shall be based on the customer's expected load factor for those 12 months as projected before the customer begins taking service. As used in the previous sentence "monthly load factor" shall mean a percentage calculated by dividing the total metered energy for a month by the product of the metered demand for that month and the number of clock hours in that month, exclusive of any hours during which power was unavailable due to an interruption or curtailment of the customer's service and of any hours in which the customer was unable to use power due to a Force Majeure event reasonably beyond the customer's control.

Prior to initially taking any service under this schedule, and from time to time thereafter as may be required by Distributor or the Tennessee Valley Authority (TVA), a customer shall certify to both Distributor and TVA that it meets the requirements set forth in condition (b) above. The certification form to be used shall be (i) furnished or approved by TVA, (ii) provided by Distributor to the customer, and (iii) signed and promptly returned by the customer to Distributor. Further, such customer shall promptly certify any change in the status of any of the information contained in the certification form to Distributor.

Service during any period for which a customer does not meet the eligibility requirements set forth in condition (b) above will be made available by Distributor under, and billed in accordance with, the applicable General Power schedule.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meter-reading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Right-of-Way

Clearing Surcharge:

\$3.25 per meter per month

Demand Charge:

Summer Period

\$19.57 per kW per month of the customer's billing demand, plus

\$19.57 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Winter Period

\$13.69 per kW per month of the customer's billing demand, plus

\$13.69 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Transition Period

\$9.27 per kW per month of the customer's billing demand, plus

\$9.27 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Energy Charge:

Summer Period

0.888¢ per kWh per month

Winter Period

0.564¢ per kWh per month

Transition Period

0.486¢ per kWh per month

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Demand

Distributor shall meter the demands in kW of all customers served under this rate schedule. The metered demand for any month shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and such amount shall be used as the billing demand, except that the billing demand for any month shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, (3) 50 percent of the next 25,000 kW, (4) 60 percent of the next 50,000 kW, (5) 70 percent of the next 100,000 kW, (6) 80 percent of the next 150,000 kW, and (7) 85 percent of all kW in excess of 350,000 kW of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the base demand charge, as adjusted (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applied to the customer's billing demand, and (3) the base energy charge, as adjusted, applied to the customer's energy takings.

Distributor may require minimum bills higher than those stated above.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 5 years; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 16 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least one year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the Manufacturing Service Rate--Schedule MSD. In such case the term of the power contract shall remain the same and the onpeak contract demand for service under the Manufacturing Service Rate--Schedule MSD shall not be less than the contract demand in effect when service was taken under this rate schedule.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

April 1, 2011

RESALE RATE SCHEDULE SUBSTITUTION AGREEMENT Between

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION (DISTRIBUTOR) And

TENNESSEE VALLEY AUTHORITY (TVA)

Distributor and TVA agree to substitute the new resale rate schedule specified in (a) below, a copy of which is attached, for the resale rate schedule specified in (b) below, which, as adjusted, is now in effect as a part of the Schedule of Rates and Charges attached to and made a part of the Power Contract, TV-59577A, dated April 26, 1982, as amended (Power Contract), between TVA and Distributor. This substitution is to be effective for all bills rendered from resale meter readings taken for revenue months of Distributor beginning with the April 2011 revenue month. It is expressly recognized that the adjustments set forth in the applicable Adjustment Addendum to said Schedule of Rates and Charges shall continue to apply to the charges provided for by the attached schedule specified in (a) below.

- (a) New resale rate schedule:
 Time-of-Use General Power Rate--Schedule TGSA R1 (April 2011)
- (b) Existing resale rate schedule:
 Time-of-Use General Power Rate--Schedule TGSA (April 2011)

tus for John Trawick

It is understood that, upon execution of this agreement by TVA and Distributor, all references in the Power Contract to the existing resale rate schedule specified in (b) above, or to any predecessor schedules, shall be deemed to refer to the new resale rate schedule specified in (a) above.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

By David & Smart Title: President + CEO

Rate schedule substitution agreed to as of the date first above written.

TENNESSEE VALLEY AUTHORITY

Senior Vice President

Commercial Operations and Pricing

TIME-OF-USE GENERAT POWER RATE--SCHEDULE TGSA

(April 2011)

Availability

This rate shall be available for the firm power requirements (where the higher of a customer's onpeak or offpeak contract demand is 5,000 kW or less) for electric service to commercial, industrial, and governmental customers, and to institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers.

For a customer requesting that its onpeak contract demand be different from its offpeak contract demand, this schedule shall be available only for (1) a new contract, (2) a replacement or renewal contract following expiration of the existing contract, or (3) a replacement or renewal contract or an amended existing contract in which the customer is increasing its demand requirements above the existing contract demand level, but under this item (3) neither the new onpeak nor the new offpeak contract demand shall be lower than the customer's existing contract demand.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or agreed to by Distributor.

Base Charges

1. If (a) the higher of (i) the customer's currently effective onpeak or offpeak contract demand or (ii) its highest onpeak or offpeak billing demand during the latest 12-month period is not more than 50 kW and (b) the customer's monthly energy takings for any month during such period do not exceed 15,000 kWh:

Customer Charge:

\$45 per delivery point per month

Right-of-way

Clearing Surcharge:

\$3.25 per meter per month

Energy Charge:

Summer Period

16.343¢ per kWh per month for all onpeak kWh, plus

6.373¢ per kWh per month for all offpeak kWh

Non-Summer Period 15.503¢ per kWh per month for all onpeak kWh, plus

6.373¢ per kWh per month for all offpeak kWh

2. If (a) the higher of (i) the customer's currently effective onpeak or offpeak contract demand or (ii) its highest onpeak or offpeak billing demand during the latest 12-month period is greater than 50 kW but not more than 1,000 kW or (b) the customer's onpeak or offpeak billing demand is not more than 50 kW and its energy takings for any month during such period exceed 15,000 kWh:

Customer Charge:

\$68.50 per delivery point per month

Right-of-way

Clearing Surcharge:

\$3.25 per meter per month

Demand Charge:

Summer Period

\$16.27 per kW of the customer's onpeak billing demand, plus

\$6.78 per month for each kW, if any, of the amount by which the customer's offpeak billing demand exceeds its onpeak billing

demand

Non-Summer Period \$15.43 per kW of the customer's onpeak billing demand, plus

\$6.78 per month for each kW, if any, of the amount by which the customer's offpeak billing demand exceeds its onpeak billing

demand

Energy Charge:

Summer Period

6.161¢ per kWh per month for all onpeak kWh, plus

6.161¢ per kWh per month for all offpeak kWh

Non-Summer Period 6.161¢ per kWh per month for all onpeak kWh, plus

6.161¢ per kWh per month for all offpeak kWh

3. If the higher of (a) the customer's currently effective onpeak or offpeak contract demand or (b) its highest onpeak or offpeak billing demand during the latest 12-month period is greater than 1,000 kW:

Customer Charge:

\$131.50 per delivery point per month

Right-of-way

Clearing Surcharge:

\$3.25 per meter per month

Demand Charge:

Summer Period

\$14.76 per kW per month of the customer's onpeak billing demand,

\$5.61 per month for each kW, if any, of the amount by which the customer's offpeak billing demand exceeds its onpeak billing

demand, plus an additional

\$14.76 per kW per month for each kW, if any, of the amount by which (1) the customer's onpeak billing demand exceeds the higher of 2.500 kW or its onpeak contract demand or (2) the customer's offpeak billing demand exceeds the higher of 2,500 kW or its offpeak

contract demand, whichever is higher

Non-Summer Period \$13.93 per kW per month of the customer's onpeak billing demand, plus

> \$5.61 per month for each kW, if any, of the amount by which the customer's offpeak billing demand exceeds its onpeak billing demand, plus an additional

\$13.93 per kW per month for each kW, if any, of the amount by which (1) the customer's onpeak billing demand exceeds the higher of 2,500 kW or its onpeak contract demand or (2) the customer's offpeak billing demand exceeds the higher of 2,500 kW or its offpeak contract demand, whichever is higher

Energy Charge:

Summer Period

3.856¢ per kWh per month for all onpeak kWh, plus

3.856¢ per kWh per month for all offpeak kWh

Non-Summer Period 3.856¢ per kWh per month for all onpeak kWh, plus

3.856¢ per kWh per month for all offpeak kWh

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Determination of Seasonal Periods

Summer Period shall mean the May, June, July, August, September, and October billing months. Non-Summer Period shall mean the November, December, January, February, March, and April billing months.

Determination of Onpeak and Offpeak Hours

Except for Saturdays and Sundays and the weekdays that are observed as Federal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, onpeak hours for each day shall be from 11 a.m. to 9 p.m. during the Summer Period and from 2 a.m. to 12 p.m. during the Non-Summer Period. All other hours of each day that are not otherwise defined as onpeak hours and all hours of such excepted days shall be offpeak hours. Such times shall be Central Standard Time or Central Daylight Time, whichever is then in effect. Said onpeak and offpeak hours are subject to change by TVA. In the event TVA determines that such changed onpeak and offpeak hours are appropriate, it shall so notify Distributor at least 12 months prior to the effective date of such changed hours, and Distributor shall promptly notify customer.

Determination of Onpeak and Offpeak Energy Amounts

The onpeak and offpeak kWh for any month shall be the energy amounts taken during the respective hours of the month designated under this rate schedule as onpeak and offpeak hours.

Determination of Onpeak and Offpeak Demands

Distributor shall meter the onpeak and offpeak demands in kW of all customers taking service under this rate schedule. The onpeak demand and the offpeak demand for any month shall be determined separately for the respective hours of the month designated under this rate schedule as onpeak and offpeak hours and in each case shall be the higher of the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of (a) the load metered in kW or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and, except as provided below in this section, such amounts shall be used as the onpeak and offpeak billing demands. The onpeak billing demand shall in no case be less than 30 percent of the customer's onpeak demand amount. The offpeak billing demand shall in no case be less than 30 percent of the customer's offpeak demand amount.

For purposes of this section, the onpeak demand amount referred to above shall be the higher of the currently effective onpeak contract demand or the highest onpeak billing demand established in the preceding 12 months, and the offpeak demand amount referred to above shall be the higher of the currently effective offpeak contract demand or the highest offpeak billing demand established in the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule shall not be less than the sum of (a) the base customer charge, (b) the portion of the base demand charge, as adjusted, applicable to onpeak billing demand applied to the customer's onpeak billing demand, (c) the portion of the base demand charge, as adjusted, applicable to the excess of offpeak over onpeak billing demand applied to the amount, if any, by which the customer's offpeak billing demand exceeds its onpeak billing demand, (d) the base onpeak energy charge, as adjusted, applied to the customer's onpeak energy takings, and (e) the base offpeak energy charge, as adjusted, applied to the customer's offpeak energy takings; provided, however, under 2 of the Base Charges, the monthly bill shall in no event be less than the sum of (a) the base customer charge, (b) 20 percent of the base onpeak demand charge, as adjusted, multiplied by the customer's onpeak billing demand, and (c) 20 percent of the portion of the base demand charge, as adjusted, applicable to the excess of offpeak over onpeak billing demand applied to the amount, if any, by which the customer's offpeak billing demand exceeds its onpeak billing demand.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 2,500 kW and shall pay the above charges, as adjusted, plus an additional seasonal use charge equal to (1) 1.33¢ per kWh per month under 1 above and (2) \$4.00 per kW per month of the higher of the onpeak or offpeak billing demand under 2 and 3 above. Consistent with Distributor's standard policy, the customer may arrange for seasonal testing of equipment during offpeak hours.

For such customers, the minimum bill provided for above shall not apply. Distributor may require additional charges to provide recovery of costs for customer-specific distribution facilities.

Contract Requirement

Distributor shall require contracts for service provided under this rate schedule and such contracts shall be for an initial term of at least 1 year. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's

currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least 1 year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the General Power Rate--Schedule GSA. In such case the term of the power contract shall remain the same and the contract demand for service under the General Power Rate--Schedule GSA shall not be less than the onpeak contract demand in effect when service was taken under this rate schedule.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

January 1, 2012

RESALE RATE SCHEDULE SUBSTITUTION AGREEMENT Between

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION (DISTRIBUTOR) And

TENNESSEE VALLEY AUTHORITY (TVA)

Distributor and TVA agree to substitute the new resale rate schedules specified in (a) below, copies of which are attached, for the resale rate schedules specified in (b) below, which, as adjusted, are now in effect as a part of the Schedule of Rates and Charges attached to and made a part of the Power Contract, TV-59577A, dated April 26, 1982, as amended (Power Contract), between TVA and Distributor. This substitution is to be effective for all bills rendered from resale meter readings taken for revenue months of Distributor beginning with the January 2012 revenue month. It is expressly recognized that the adjustments set forth in the applicable Adjustment Addendum to said Schedule of Rates and Charges shall continue to apply to the charges provided for by the attached schedules specified in (a) below.

(a) New resale rate schedules:

Residential Rate-Schedule RS (January 2012)

General Power Rate-Schedule GSA (January 2012)

Seasonal Demand and Energy General Power Rate-Schedule SGSB (January 2012)

Seasonal Demand and Energy General Power Rate-Schedule SGSC (January 2012)

Seasonal Demand and Energy General Power Rate-Schedule SGSD (January 2012)

Seasonal Demand and Energy Manufacturing Service Rate-Schedule SMSB (January 2012)

Seasonal Demand and Energy Manufacturing Service Rate-Schedule SMSC (January 2012)

Seasonal Demand and Energy Manufacturing Service Rate-Schedule SMSD (January 2012)

Outdoor Lighting Rate-Schedule LS (January 2012)

(b) Existing resale rate schedules:

Residential Rate--Schedule RS (April 2011)

General Power Rate-Schedule GSA (April 2011)

Seasonal Demand and Energy General Power Rate-Schedule SGSB (April 2011)

Seasonal Demand and Energy General Power Rate-Schedule SGSC (April 2011)

Seasonal Demand and Energy General Power Rate-Schedule SGSD (April 2011)

Seasonal Demand and Energy Manufacturing Service Rate--Schedule SMSB (April 2011)

Seasonal Demand and Energy Manufacturing Service Rate-Schedule SMSC (April 2011)

Seasonal Demand and Energy Manufacturing Service Rate-Schedule SMSD (April 2011)

Outdoor Lighting Rate--Schedule LS (April 2011)

It is understood that, upon execution of this agreement by TVA and Distributor, all references in the Power Contract to the existing resale rate schedules specified in (b) above, or to any predecessor schedules, shall be deemed to refer to the appropriate new resale rate schedules specified in (a) above.

WEST KENTUCKY RURAL ELECTRIC **COOPERATIVE CORPORATION**

By David & Smart
Title: President & CED

Rate schedule substitution agreed to as of the date first above written.

TENNESSEE VALLEY AUTHORITY

Senior Vice President
Commercial Operations and Pricing

RESIDENTIAL RATE--SCHEDULE RS

(January 2012)

Availability

This rate shall apply only to electric service to a single-family dwelling (including its appurtenances if served through the same meter), where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein.

Character of Service

Alternating current, single-phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or agreed to by Distributor. Multiphase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge:

\$20.00 per month, less

Hydro Allocation Credit: \$1.60 per month

Energy Charge:

Summer Period

First 800 kWh per month, at 7.512¢ per kWh

Additional kWh per month, at 6.744¢ per kWh

Winter Period

First 800 kWh per month, at 7.500¢ per kWh

Additional kWh per month, at 6.732¢ per kWh

Transition Period

First 800 kWh per month, at 7.436¢ per kWh

Additional kWh per month, at 6.668¢ per kWh

Adjustment

The base energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, the base energy charge and the hydro allocation credit shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Minimum Monthly Bill

The base customer charge, as reduced by the hydro allocation credit, constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage.

GENERAL POWER RATE--SCHEDULE GSA

(January 2012)

Availability

This rate shall apply to the firm power requirements (where a customer's contract demand is 5,000 kW or less) for electric service to commercial, industrial, and governmental customers, and to institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers. This rate shall also apply to customers to whom service is not available under any other resale rate schedule.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or agreed to by Distributor.

Base Charges

1. If (a) the higher of (i) the customer's currently effective contract demand, if any, or (ii) its highest billing demand during the latest 12-month period is not more than 50 kW and (b) the customer's monthly energy takings for any month during such period do not exceed 15,000 kWh:

Customer Charge:

\$20.00 per delivery point per month

Energy Charge:

Summer Period 8.701¢ per kWh per month

Winter Period 8.689¢ per kWh per month

Transition Period 8.625¢ per kWh per month

2. If (a) the higher of (i) the customer's currently effective contract demand or (ii) its highest billing demand during the latest 12-month period is greater than 50 kW but not more than 1,000 kW or (b) the customer's billing demand is less than 50 kW and its energy takings for any month during such period exceed 15,000 kWh:

Customer Charge:

\$43.50 per delivery point per month

Demand Charge:

First 50 kW of billing demand per month, no demand charge Summer Period

Excess over 50 kW of billing demand per month, at \$16.05 per kW

Winter Period First 50 kW of billing demand per month, no demand charge

Excess over 50 kW of billing demand per month, at \$15.23 per kW

Transition Period First 50 kW of billing demand per month, no demand charge

Excess over 50 kW of billing demand per month, at \$15.23 per kW

Energy Charge:

Summer Period First 15,000 kWh per month at 8.85% per kWh

Additional kWh per month at 3.673¢ per kWh

Winter Period First 15,000 kWh per month at 8.846¢ per kWh

Additional kWh per month at 3.673¢ per kWh

Transition Period First 15,000 kWh per month at 8.782¢ per kWh

Additional kWh per month at 3.673¢ per kWh

3. If the higher of (a) the customer's currently effective contract demand or (b) its highest billing demand during the latest 12-month period is greater than 1,000 kW:

Customer Charge:

\$106.50 per delivery point per month

Demand Charge:

Summer Period First 1,000 kW of billing demand per month, at \$14.75 per kW

Excess over 1,000 kW of billing demand per month, at \$14.36 per kW,

plus an additional

\$14.36 per kW per month for each kW, if any, of the amount by which the customer's billing demand exceeds the higher of 2,500 kW or its contract

demand

Winter Period First 1,000 kW of billing demand per month, at \$13.93 per kW

Excess over 1,000 kW of billing demand per month, at \$13.54 per kW,

plus an additional

\$13.54 per kW per month for each kW, if any, of the amount by which the customer's billing demand exceeds the higher of 2,500 kW or its contract

demand

Transition Period First 1,000 kW of billing demand per month, at \$13.93 per kW

Excess over 1,000 kW of billing demand per month, at \$13.54 per kW.

plus an additional

\$13.54 per kW per month for each kW, if any, of the amount by which the

customer's billing demand exceeds the higher of 2,500 kW or its contract

demand

Energy Charge:

Summer Period 3.728¢ per kWh per month

Winter Period 3.728¢ per kWh per month

Transition Period 3.728¢ per kWh per month

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

<u>Determination of Seasonal Periods</u>

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Demand

Distributor shall meter the demands in kW of all customers having loads in excess of 50 kW. The metered demand for any month shall be the highest average during any 30-consecutive-minute period of the month of the load metered in kW. The measured demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load metered in kW or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such measured demand shall be used as the billing demand, except that the billing demand for any month shall in no case be less than 30 percent of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule shall not be less than the sum of (a) the base customer charge, (b) the base demand charge, as adjusted, applied to the customer's billing demand, and (c) the base energy charge, as adjusted, applied to the customer's energy takings; provided, however, that, under 2 of the Base Charges, the monthly bill shall in no event be less than the sum of (a) the base customer charge and (b) 20 percent of the portion of the base demand charge, as adjusted, applicable to the second block (excess over 50 kW) of billing demand, multiplied by the higher of the customer's currently effective contract demand or its highest billing demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 2,500 kW and shall pay the above charges, as adjusted, plus an additional seasonal use charge equal to (1) 1.33¢ per kWh per month under 1 of the Base Charges, (2) the sum of 1.33¢ per kWh for the first 15,000 kWh per month and \$4.00 per kW per month of billing demand in excess of 50 kW under 2 of the Base Charges, and (3) \$4.00 per kW per month of billing demand under 3 of the Base Charges. Consistent with Distributor's standard policy, the customer may arrange for seasonal testing of equipment during offpeak hours.

For such customers, the minimum bill provided for above shall not apply. Distributor may require additional charges to provide recovery of costs for customer-specific distribution facilities.

Contract Requirement

Distributor may require contracts for service provided under this rate schedule. Customers whose demand requirements exceed 1,000 kW shall be required to execute contracts and such contracts shall be for an initial term of at least 1 year. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract

shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

SEASONAL DEMAND AND ENERGY **GENERAL POWER RATE--SCHEDULE SGSB**

(January 2012)

Availability

This rate shall apply to the firm electric power requirements where a customer's currently effective contract demand is greater than 5,000 kW but not more than 15,000 kW.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meterreading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Demand Charge:

Summer Period

\$20.19 per kW per month of the customer's billing demand, plus

\$20.19 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Winter Period

\$14.31 per kW per month of the customer's billing demand, plus

\$14.31 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Transition Period

\$9.89 per kW per month of the customer's billing demand, plus

\$9.89 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Energy Charge:

Summer Period

2.291¢ per kWh per month

Winter Period

1.909¢ per kWh per month

Transition Period

1.825¢ per kWh per month

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Demand

Distributor shall meter the demands in kW of all customers served under this rate schedule. The metered demand for any month shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and such amount shall be used as the billing demand, except that the billing demand for any month shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW and (2) 40 percent of any kW in excess of 5,000 kW of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the base demand charge, as adjusted (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applied to the customer's billing demand, and (3) the base energy charge, as adjusted, applied to the customer's energy takings.

Distributor may require minimum bills higher than those stated above.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 1 year; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 4 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least one year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the General Power Rate—Schedule GSB. In such case the term of the power contract shall remain the same and the onpeak contract demand for service under the General Power Rate—Schedule GSB shall not be less than the contract demand in effect when service was taken under this rate schedule.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

SEASONAL DEMAND AND ENERGY GENERAL POWER RATE--SCHEDULE SGSC

(January 2012)

Availability -

This rate shall apply to the firm electric power requirements where a customer's currently effective contract demand is greater than 15,000 kW but not more than 25,000 kW.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meterreading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Demand Charge:

Summer Period

\$19.68 per kW per month of the customer's billing demand, plus

\$19.68 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Winter Period

\$13.80 per kW per month of the customer's billing demand, plus

\$13.80 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Transition Period

\$9.38 per kW per month of the customer's billing demand, plus

\$9.38 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Energy Charge:

Summer Period

2.302¢ per kWh per month

Winter Period

1.913¢ per kWh per month

Transition Period

1.830¢ per kWh per month

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Demand

Distributor shall meter the demands in kW of all customers served under this rate schedule. The metered demand for any month shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and such amount shall be used as the billing demand, except that the billing demand for any month shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, and (3) 50 percent of any kW in excess of 25,000 kW of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the base demand charge, as adjusted (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applied to the customer's billing demand, and (3) the base energy charge, as adjusted, applied to the customer's energy takings.

Distributor may require minimum bills higher than those stated above.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 1 year; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 4 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least one year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the General Power Rate—Schedule GSC. In such case the term of the power contract shall remain the same and the onpeak contract demand for service under the General Power Rate—Schedule GSC shall not be less than the contract demand in effect when service was taken under this rate schedule.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

SEASONAL DEMAND AND ENERGY **GENERAL POWER RATE--SCHEDULE SGSD**

(January 2012)

Availability

This rate shall apply to the firm electric power requirements where a customer's currently effective contract demand is greater than 25,000 kW.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meterreading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Demand Charge:

Summer Period

\$22.88 per kW per month of the customer's billing demand, plus

\$22.88 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Winter Period

\$16.99 per kW per month of the customer's billing demand, plus

\$16.99 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Transition Period

\$12.58 per kW per month of the customer's billing demand, plus

\$12.58 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Energy Charge:

Summer Period

1.646¢ per kWh per month

Winter Period

1.306¢ per kWh per month

Transition Period

1.232¢ per kWh per month

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Demand

Distributor shall meter the demands in kW of all customers served under this rate schedule. The metered demand for any month shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and such amount shall be used as the billing demand, except that the billing demand for any month shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, (3) 50 percent of the next 25,000 kW, (4) 60 percent of the next 50,000 kW, (5) 70 percent of the next 100,000 kW, (6) 80 percent of the next 150,000 kW, and (7) 85 percent of all kW in excess of 350,000 kW of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the base demand charge, as adjusted (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applied to the customer's billing demand, and (3) the base energy charge, as adjusted, applied to the customer's energy takings.

Distributor may require minimum bills higher than those stated above.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 5 years; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 16 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least one year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the General Power Rate—Schedule GSD. In such case the term of the power contract shall remain the same and the onpeak contract demand for service under the General Power Rate—Schedule GSD shall not be less than the contract demand in effect when service was taken under this rate schedule.

<u>Payment</u>

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Demand

Distributor shall meter the demands in kW of all customers served under this rate schedule. The metered demand for any month shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and such amount shall be used as the billing demand, except that the billing demand for any month shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW and (2) 40 percent of any kW in excess of 5,000 kW of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the base demand charge, as adjusted (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applied to the customer's billing demand, and (3) the base energy charge, as adjusted, applied to the customer's energy takings.

Distributor may require minimum bills higher than those stated above.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 1 year; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 4 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least one year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the Manufacturing Service Rate—Schedule MSB. In such case the term of the power contract shall remain the same and the onpeak contract demand for service under the Manufacturing Service Rate—Schedule MSB shall not be less than the contract demand in effect when service was taken under this rate schedule.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

SEASONAL DEMAND AND ENERGY MANUFACTURING SERVICE RATE--SCHEDULE SMSB

(January 2012)

Availability

This rate shall apply to the firm electric power requirements where (a) a customer's currently effective contract demand is greater than 5,000 kW but not more than 15,000 kW and (b) the major use of electricity is for activities conducted at the delivery point serving that customer which are classified with a 2-digit Standard Industrial Classification Code between 20 and 39, inclusive, or classified with 2002 North American Industry Classification System (NAICS) code 5181, or 2007 NAICS codes 5182, 522320, and 541214; provided, however, customers qualifying for service under this schedule on the basis of such a NAICS code shall have an average monthly load factor of at least 80 percent during the preceding 12 months; provided further, however, that for the first 12 months of service to a new customer this load factor requirement shall be based on the customer's expected load factor for those 12 months as projected before the customer begins taking service. As used in the previous sentence "monthly load factor" shall mean a percentage calculated by dividing the total metered energy for a month by the product of the metered demand for that month and the number of clock hours in that month, exclusive of any hours during which power was unavailable due to an interruption or curtailment of the customer's service and of any hours in which the customer was unable to use power due to a Force Majeure event reasonably beyond the customer's control.

Prior to initially taking any service under this schedule, and from time to time thereafter as may be required by Distributor or the Tennessee Valley Authority (TVA), a customer shall certify to both Distributor and TVA that it meets the requirements set forth in condition (b) above. The certification form to be used shall be (i) furnished or approved by TVA, (ii) provided by Distributor to the customer, and (iii) signed and promptly returned by the customer to Distributor. Further, such customer shall promptly certify any change in the status of any of the information contained in the certification form to Distributor.

Service during any period for which a customer does not meet the eligibility requirements set forth in condition (b) above will be made available by Distributor under, and billed in accordance with, the applicable General Power schedule.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meter-reading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge:

\$350 per delivery point per month

Demand Charge:

Summer Period

\$17.49 per kW per month of the customer's billing demand, plus

\$17.49 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Winter Period

\$11.61 per kW per month of the customer's billing demand, plus

\$11.61 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Transition Period

\$7.19 per kW per month of the customer's billing demand, plus

\$7.19 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Energy Charge:

Summer Period

1.578¢ per kWh per month

Winter Period

1.146¢ per kWh per month

Transition Period

1.046¢ per kWh per month

<u>Adjustment</u>

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

SEASONAL DEMAND AND ENERGY MANUFACTURING SERVICE RATE--SCHEDULE SMSC

(January 2012)

Availability

This rate shall apply to the firm electric power requirements where (a) a customer's currently effective contract demand is greater than 15,000 kW but not more than 25,000 kW and (b) the major use of electricity is for activities conducted at the delivery point serving that customer which are classified with a 2-digit Standard Industrial Classification Code between 20 and 39, inclusive, or classified with 2002 North American Industry Classification System (NAICS) code 5181, or 2007 NAICS codes 5182, 522320, and 541214; provided, however, customers qualifying for service under this schedule on the basis of such a NAICS code shall have an average monthly load factor of at least 80 percent during the preceding 12 months; provided further, however, that for the first 12 months of service to a new customer this load factor requirement shall be based on the customer's expected load factor for those 12 months as projected before the customer begins taking service. As used in the previous sentence "monthly load factor" shall mean a percentage calculated by dividing the total metered energy for a month by the product of the metered demand for that month and the number of clock hours in that month, exclusive of any hours during which power was unavailable due to an interruption or curtailment of the customer's service and of any hours in which the customer was unable to use power due to a Force Majeure event reasonably beyond the customer's control.

Prior to initially taking any service under this schedule, and from time to time thereafter as may be required by Distributor or the Tennessee Valley Authority (TVA), a customer shall certify to both Distributor and TVA that it meets the requirements set forth in condition (b) above. The certification form to be used shall be (i) furnished or approved by TVA, (li) provided by Distributor to the customer, and (lii) signed and promptly returned by the customer to Distributor. Further, such customer shall promptly certify any change in the status of any of the information contained in the certification form to Distributor.

Service during any period for which a customer does not meet the eligibility requirements set forth in condition (b) above will be made available by Distributor under, and billed in accordance with, the applicable General Power schedule.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meter-reading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Demand Charge:

Summer Period

\$16.98 per kW per month of the customer's billing demand, plus

\$16.98 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Winter Period

\$11.10 per kW per month of the customer's billing demand, plus

\$11.10 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Transition Period

\$6.68 per kW per month of the customer's billing demand, plus

\$6.68 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Energy Charge:

Summer Period

1.550¢ per kWh per month

Winter Period

1.145¢ per kWh per month

Transition Period

1.049¢ per kWh per month

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

SEASONAL DEMAND AND ENERGY MANUFACTURING SERVICE RATE--SCHEDULE SMSD

(January 2012)

Availability

This rate shall apply to the firm electric power requirements where (a) a customer's currently effective contract demand is greater than 25,000 kW and (b) the major use of electricity is for activities conducted at the delivery point serving that customer which are classified with a 2-digit Standard Industrial Classification Code between 20 and 39, inclusive, or classified with 2002 North American Industry Classification System (NAICS) code 5181, or 2007 NAICS codes 5182, 522320, and 541214; provided, however, customers qualifying for service under this schedule on the basis of such a NAICS code shall have an average monthly load factor of at least 80 percent during the preceding 12 months; provided further, however, that for the first 12 months of service to a new customer this load factor requirement shall be based on the customer's expected load factor for those 12 months as projected before the customer begins taking service. As used in the previous sentence "monthly load factor" shall mean a percentage calculated by dividing the total metered energy for a month by the product of the metered demand for that month and the number of clock hours in that month, exclusive of any hours during which power was unavailable due to an interruption or curtailment of the customer's service and of any hours in which the customer was unable to use power due to a Force Majeure event reasonably beyond the customer's control.

Prior to initially taking any service under this schedule, and from time to time thereafter as may be required by Distributor or the Tennessee Valley Authority (TVA), a customer shall certify to both Distributor and TVA that it meets the requirements set forth in condition (b) above. The certification form to be used shall be (i) furnished or approved by TVA, (ii) provided by Distributor to the customer, and (iii) signed and promptly returned by the customer to Distributor. Further, such customer shall promptly certify any change in the status of any of the information contained in the certification form to Distributor.

Service during any period for which a customer does not meet the eligibility requirements set forth in condition (b) above will be made available by Distributor under, and billed in accordance with, the applicable General Power schedule.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meter-reading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges

Customer Charge:

\$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Demand Charge:

Summer Period

\$19.57 per kW per month of the customer's billing demand, plus

\$19.57 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Winter Period

\$13.69 per kW per month of the customer's billing demand, plus

\$13.69 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Transition Period

\$9.27 per kW per month of the customer's billing demand, plus

\$9.27 per kW per month of the amount, if any, by which the customer's

billing demand exceeds its contract demand

Energy Charge:

Summer Period

0.888¢ per kWh per month

Winter Period

0.564¢ per kWh per month

Transition Period

0.486¢ per kWh per month

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective contract demand and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Demand

Distributor shall meter the demands in kW of all customers served under this rate schedule. The metered demand for any month shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and such amount shall be used as the billing demand, except that the billing demand for any month shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, (3) 50 percent of the next 25,000 kW, (4) 60 percent of the next 50,000 kW, (5) 70 percent of the next 100,000 kW, (6) 80 percent of the next 150,000 kW, and (7) 85 percent of all kW in excess of 350,000 kW of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the base demand charge, as adjusted (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applied to the customer's billing demand, and (3) the base energy charge, as adjusted, applied to the customer's energy takings.

Distributor may require minimum bills higher than those stated above.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 5 years; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 16 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least one year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the Manufacturing Service Rate—Schedule MSD. In such case the term of the power contract shall remain the same and the onpeak contract demand for service under the Manufacturing Service Rate—Schedule MSD shall not be less than the contract demand in effect when service was taken under this rate schedule.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

OUTDOOR LIGHTING RATE--SCHEDULE LS

(January 2012)

Availability

Available for service to street and park lighting systems, traffic signal systems, athletic field lighting installations, and outdoor lighting for individual customers.

Service under this schedule is for a term of not less than 1 year.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Adjustment

The energy charge in Part A and Part B of this rate schedule shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, the energy charge in Part A and Part B of this rate schedule shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April. May. October, and November billing months.

PART A-CHARGES FOR STREET AND PARK LIGHTING SYSTEMS, TRAFFIC SIGNAL SYSTEMS, AND ATHLETIC FIELD LIGHTING INSTALLATIONS

I. Energy Charge:

Summer Period 3.726¢ per kWh per month

Winter Period 3.714¢ per kWh per month

Transition Period 3.650¢ per kWh per month

II. Facility Charge

The annual facility charge shall be 15 percent of the installed cost to Distributor's electric system of the facilities devoted to street and park lighting service specified in this Part A. Such installed cost shall be recomputed on July 1 of each year, or more often if substantial changes in the facilities are made. Each month, one-twelfth of the then total annual facility charge shall be billed to the customer. If any part of the facilities has not been provided at the electric

system's expense or if the installed cost of any portion thereof is reflected on the books of another municipality or agency or department, the annual facility charge shall be adjusted to reflect properly the remaining cost to be borne by the electric system.

Traffic signal systems and athletic field lighting installations shall be provided, owned, and maintained by and at the expense of the customer, except as Distributor may agree otherwise in accordance with the provisions of the paragraph next following in this section II. The facilities necessary to provide service to such systems and installations shall be provided by and at the expense of Distributor's electric system, and the annual facility charge provided for first above in this section II shall apply to the installed cost of such facilities.

When so authorized by policy duly adopted by Distributor's governing board, traffic signal systems and athletic field lighting installations may be provided, owned, and maintained by Distributor's electric system for the customer's benefit. In such cases Distributor may require reimbursement from the customer for a portion of the initial installed cost of any such system or installation and shall require payment by the customer of a facility charge sufficient to cover all of Distributor's costs (except reimbursed costs), including appropriate overheads, of providing, owning, and maintaining such system or installation; provided that, for athletic field lighting installations, such facility charge shall in no case be less than 12 percent per year of such costs. Said facility charge shall be in addition to the annual facility charge on the facilities necessary to provide service to such system or installation as provided for in the preceding paragraph. Replacement of lamps and related glassware for traffic signal systems and athletic field lighting installations provided under this paragraph shall be paid for under the provisions of paragraph A in Section IV.

III. Customer Charge - Traffic Signal Systems and Athletic Field Lighting Installations.

Distributor shall apply a uniform monthly customer charge of \$2.50 for service to each traffic signal system or athletic field lighting installation.

IV. Replacement of Lamps and Related Glassware - Street and Park Lighting

Customer shall be billed and shall pay for replacements as provided in paragraph B below, which shall be applied to all service for street and park lighting.

- A. Distributor shall bill the customer monthly for such replacements during each month at Distributor's cost of materials, including appropriate storeroom expense.
- B. Distributor shall bill the customer monthly for one-twelfth of the amount by which Distributor's cost of materials, including appropriate storeroom expense, exceeds the product of 3 mills multiplied by the number of kilowatthours used for street and park lighting during the fiscal year immediately preceding the fiscal year in which such month occurs.

Metering

For any billing month or part of such month in which the energy is not metered or for which a meter reading is found to be in error or a meter is found to have failed, the energy for billing purposes for that billing month or part of such month shall be computed from the rated capacity of the lamps (including ballast) plus 5 percent of such capacity to reflect secondary circuit losses, multiplied by the number of hours of use.

Revenue and Cost Review

Distributor's costs of providing service under Part A of this rate schedule are subject to review at any time and from time to time to determine if Distributor's revenues from the charges being applied are sufficient to cover its costs. (Such costs, including applicable overheads, include, but are not limited to, those incurred in the operation and maintenance of the systems provided and those resulting from depreciation and payments for taxes, tax equivalents and interest.) If any such review discloses that revenues are either less or more than sufficient to cover said costs, Distributor shall revise the above facility charges so that revenues will be sufficient to cover said costs. Any such revision of the annual facility charge provided for first above in section II of Part A of this rate schedule shall be by agreement between Distributor and TVA.

PART B-CHARGES FOR OUTDOOR LIGHTING FOR INDIVIDUAL CUSTOMERS

Charges Per Fixture Per Month

(a) <u>Type of Fixture</u>		mp Size) (Lumens)	Rated <u>kWh</u>	Facility <u>Charge</u>
Mercury Vapor or Incandescent	175	7,650	70	\$4.43
	250	10,400	98	\$3.21
	400	19,100	155	\$5.92
	700	33,600	266	\$5.48
	1,000	47,500	378	\$6.98
High Pressure Sodium	70	4,860	31	\$3.85
	100	8,550	42	\$4.95
	150	14,400	63	\$4.90
	200	18,900	82	\$4.61
	250	23,000	105	\$4.87
	400	45,000	165	\$5.87
	1,000	126,000	385	\$10.40
Low Pressure Sodium	55	7,650	32	\$3.87
	90	12.750	53	\$6,44
	135	22,000	75	\$8.49
	180	33,000	93	\$9.64

(b) Energy Charge: For each lamp size under (a) above,

Summer Period 3.726¢ per kWh per month Winter Period 3.714¢ per kWh per month Transition Period 3.650¢ per kWh per month

Additional Facilities

The above charges in this Part B are limited to service from a photoelectrically controlled standard lighting fixture installed on a pole already in place. If the customer wishes to have the fixture installed at a location other than on a pole already in place, Distributor may apply an additional monthly charge.

Lamp Replacements

Replacements of lamps and related glassware will be made in accordance with replacement policies of Distributor without additional charge to the customer.

Special Outdoor Lighting Installations

When so authorized by policy duly adopted by Distributor's governing board, special outdoor lighting installations (other than as provided for under Parts A and B above) may be provided, owned, and maintained by Distributor's electric system. In such cases Distributor may require reimbursement from the customer for a portion of the initial installed cost of any such installation and shall require payment by the customer of monthly charges sufficient to cover all of Distributor's costs (except reimbursed costs), including appropriate overheads, or providing, owning, and maintaining such installations, and making lamp replacements.

Service is subject to Rules and Regulations of Distributor.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Demand

Distributor shall meter the demands in kW of all customers served under this rate schedule. The metered demand for any month shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of the load metered in kW, and such amount shall be used as the billing demand, except that the billing demand for any month shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW, (2) 40 percent of the next 20,000 kW, and (3) 50 percent of any kW in excess of 25,000 kW of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge, (2) the base demand charge, as adjusted (but excluding the additional portion thereof applicable to excess of billing demand over contract demand) applied to the customer's billing demand, and (3) the base energy charge, as adjusted, applied to the customer's energy takings.

Distributor may require minimum bills higher than those stated above.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 1 year; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 4 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least one year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the Manufacturing Service Rate—Schedule MSC. In such case the term of the power contract shall remain the same and the onpeak contract demand for service under the Manufacturing Service Rate—Schedule MSC shall not be less than the contract demand in effect when service was taken under this rate schedule.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

GREEN POWER PROVIDERS AGREEMENT Between WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION And TENNESSEE VALLEY AUTHORITY

Date: 01 70/3/272 3, 20/2

Contract No. TV-59577A, Supp. No. 84
Purchase Order No. 422734

THIS AGREEMENT (Distributor Agreement), made and entered into by and between WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION (Distributor), a cooperative corporation created and existing under and by virtue of the laws of the Commonwealth of Kentucky; and the TENNESSEE VALLEY AUTHORITY (TVA), a corporation created and existing under and by virtue of the Tennessee Valley Authority Act of 1933, as amended (TVA Act);

WITNESSETH:

WHEREAS, TVA and Distributor have entered into a power contract dated April 26, 1982, as amended (Power Contract), under which Distributor purchases its entire requirements for electric power and energy from TVA for resale; and

WHEREAS, the TVA Act provides that among TVA's objectives shall be those of promoting the wider and better use of electric power and cooperating in the application of electric power to the fuller and better balanced development of the resources of the region; and

WHEREAS, TVA and Distributor wish to cooperate in a program entitled Green Power Providers (Program) under which TVA acquires electric energy from qualifying renewable generation systems installed and/or owned by Distributor or customers served by Distributor; and

WHEREAS, TVA and Distributor desire to agree upon the respective rights and obligations of the parties with respect to the development, implementation, and administration of the Program;

NOW, THEREFORE, for and in consideration of the premises and of the mutual agreements set forth below, and subject to the provisions of the TVA Act, the parties agree as follows and enter into this contract consisting of the Articles and contract attachments listed in Article I below:

ARTICLE I CONTRACT CONTENTS

ARTICLE I	CONTRACT CONTENTS
ARTICLE II	<u>DEFINITIONS</u>
2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 2.10 2.11 2.12 2.13 2.14 2.15 2.16 2.17 2.18 2.19 2.20 2.21	Guidelines Interval Generation Meter Non-Interval Generation Meter Participant Participation Agreement Power Invoice Premium Rate Proprietary Information Qualifying System Site
ARTICLE III	PROGRAM OBJECTIVE AND REQUIREMENTS
3.1 3.2 3.3 3.4 3.5	Program Objective Distributor Responsibilities TVA Responsibilities Distributor Facility Participation in Program New Construction Participation in Program
ARTICLE IV	CONTRACT TERM AND TERMINATION
4.1 4.2 4.3	Term of Agreement Termination of Agreement Termination of Participation Agreements
ARTICLE V	METERING AND BILLING
5.1 5.2 5.3	Metering Connection Premium Rate and Incentive Distribution Options Metering and Billing Adjustments by Distributor

5.4 TVA-Vendor Billing Option Administration

ARTICLE VI GENERATION METERING FACILITIES

- 6.1 Interval Generation Meter
- 6.2 Non-Interval Generation Meter
- 6.3 Generation Meter
- 6.4 Generation Data Delivery
- 6.5 Access by TVA

ARTICLE VII MISCELLANEOUS PROVISIONS

- 7.1 Environmental Attributes
- 7.2 Distributor Invoice to TVA for Reimbursements
- 7.3 Changes to Aggregate Nameplate Capacity
- 7.4 Operating Representatives
- 7.5 Proprietary Information

CONTRACT ATTACHMENTS AND OTHER PROGRAM DOCUMENTS:

Attachment A (Metering Connection Options)

Attachment B (Premium Rate & Incentive Distribution Options)

Attachment C (Request to Amend Participation Agreement by Changing

Participant and/or Qualifying System Owner)

Attachment D (Request to Amend Participation Agreement to Modify Capacity of

Qualifying System)

Attachment E (Request for New Construction Participation in Program)

Green Power Providers Participation Agreement

Green Power Providers Distributor Facility Participation Agreement

Distributor's Acceptance of Qualifying System Form

Green Power Providers Program Participation Guidelines

ARTICLE II DEFINITIONS

For purpose of this Distributor Agreement (i) all terms used herein with initial capital letters that are not underlined are textually defined within this Distributor Agreement, and (ii) all underlined terms are defined in this Article II of this Distributor Agreement.

SECTION 2.1 - APPLICANT

"Applicant" shall mean any potentially eligible residential, commercial, or industrial end-use customer served by Distributor that elects to participate in the Program by (i) submitting an interconnection request to Distributor, and upon Distributor's approval, entering into an Interconnection agreement with Distributor, and (ii) submitting a completed copy of the <u>Participation Agreement</u> for TVA's and Distributor's review and potential approval and execution.

SECTION 2.2 - BILLING METER

"Billing Meter" shall mean a retail billing meter located at the Site where the Participant's facility or dwelling is located. The Billing Meter must be fully operational and measure the billing demand and/or the energy being consumed at the Site.

SECTION 2.3 - BUSINESS DAYS

"Business Days" shall mean all days except Saturdays and Sundays and the weekdays that are observed by TVA as Federal holiday (Federal holidays currently include New Year's Day, Martin Luther King's Birthday, Presidents' Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day).

SECTION 2.4 - CALENDAR DAYS

"Calendar Days" shall mean all days in a month, including weekends and holidays.

SECTION 2.5 - DEMAND-METERED

"<u>Demand-Metered</u>" shall mean having a monthly billing demand of greater than 50 kW or monthly energy usage greater than 15,000 kWh; provided, however, that Distributor may deem a <u>Participant</u> with a monthly billing demand of less than 50 kW or monthly energy usage less than 15,000 kWh as <u>Demand-Metered</u>.

SECTION 2.6 - DISTRIBUTOR BILLING OPTION

"<u>Distributor Billing Option</u>" means the option under which the Distributor shall administer and manage the payments due to <u>Participant</u>, if eligible, for the generation credits and any rebate incentive, in accordance with this Distributor Agreement, the <u>Participation Agreement</u>, and the <u>Guidelines</u>.

SECTION 2.7 - DISTRIBUTOR METER OPTION

"<u>Distributor Meter Option</u>" shall mean the <u>Generation Meter</u> and remote communication access option available to Distributor for <u>Participants</u> that have interval metering. Under this option, Distributor shall (a) purchase and install a <u>Generation Meter</u> and (b) make the arrangements necessary to allow TVA remote communication access to the metering data recorded by the <u>Generation Meter</u>. Said metering data may be used by TVA for verification and validation purposes of data reported to TVA via Electricity Sales Statistics (ESS) or other TVA-approved reporting system (collectively referred to herein as "Reporting System"). Subject to the limitations provided for in Section 3.3, TVA shall reimburse Distributor for the (i) cost of the <u>Generation Meter</u>, (ii) one-time cost of the remote communication installation, and (iii) monthly communication access cost.

SECTION 2.8 - GENERATION CREDIT

"Generation Credit" shall mean the accrued generation credits due to <u>Participant</u>. Generation Credit shall be calculated by applying the sum of the energy charge in the applicable retail rate schedule (residential (RS) or deemed to be GSA1 for all commercial and industrial customers) and the applicable <u>Premium Rate</u> to the kWh energy measured on the <u>Generation Meter</u>.

SECTION 2.9 - GENERATION METER

"Generation Meter" shall mean a meter additional to the <u>Billing Meter</u> at the <u>Site</u> that is installed by Distributor and designed to measure the alternating current (AC) energy output from the <u>Qualifying System</u> at the <u>Site</u>. <u>Generation Meter</u> shall mean either an <u>Interval Generation Meter</u> or a <u>Non-Interval Generation Meter</u>, or both.

SECTION 2.10 - GUIDELINES

"Guidelines" shall mean such currently effective "Green Power Providers Program Participation Guidelines," as such <u>Guidelines</u> now exist or may hereafter be modified by TVA. A copy of the <u>Guidelines</u> as effective on the date of execution of this Distributor Agreement is provided with this Distributor Agreement for information only. The <u>Guidelines</u> are as posted by TVA on its official web site and shall be a part of this Distributor Agreement as if fully set out herein. In the event of any conflict between the provisions of the <u>Guidelines</u> and the provisions of this Distributor Agreement, the provisions of this Distributor Agreement shall control. TVA may modify and replace the <u>Guidelines</u> at any time and from time to time upon thirty (30) <u>Calendar Days</u> notice to Distributor. Said notice shall be deemed properly given if provided electronically either by electronic mail or by posting electronically on a computer-based information system designated by TVA for such purpose.

It is expressly recognized that any modifications and replacements of the <u>Guidelines</u> shall not apply to or otherwise affect any <u>Participation Agreement</u> that was in effect prior to the effective date of said modifications and replacements.

SECTION 2.11 - INTERVAL GENERATION METER

"Interval Generation Meter" shall be a solid-state type meter of high quality for billing purposes that records at least clock hour (hour interval) data and measures the energy output (kWh) from the <u>Qualifying System</u> at the <u>Site</u>; provided, however; it is recognized that fifteen (15) minute interval data is preferred. It is further expressly recognized that the <u>Participant</u>'s applicable retail rate schedule may require a shorter interval.

SECTION 2.12 - NON-INTERVAL GENERATION METER

"Non-Interval Generation Meter" shall be a solid-state type meter of high quality for billing purposes that measures the energy output (kWh) from the Qualifying System at the Site but which does not meet the definition of Interval Generation Meter.

SECTION 2.13 - PARTICIPANT

"Participant" shall mean an Applicant that qualifies for and meets, at the time TVA executes the Participation Agreement, the then-current applicable participation requirements set forth in the Participation Agreement and the Guidelines. In order to retain its status as a Participant, each such Applicant shall install, complete, interconnect, and commission its Qualifying System, and obtain from Distributor an executed "Distributor Acceptance of Qualifying System Form" (System Acceptance Form), the form of which is provided with this Distributor Agreement, in accordance with the Participation Agreement and the Guidelines, within one hundred eighty (180) Calendar Days of TVA's execution of the Participation Agreement. The date Distributor approves and executes the System Acceptance Form shall be designated as the "Delivery Commencement Date" for purposes of this Distributor Agreement.

SECTION 2.14 - PARTICIPATION AGREEMENT

"Participation Agreement" shall mean, as appropriate for the context, either (a) the end-use customer participation agreement for the Program, the form of which is attached to this Distributor Agreement as "Green Power Providers Participation Agreement," or (b) the Distributor's participation agreement for the Program, the form of which is attached to this Distributor Agreement as "Green Power Providers Distributor Facility Participation Agreement." In the event of any conflict between the provisions of an executed Participation Agreement and the provisions of this Distributor Agreement, the provisions of this Distributor Agreement shall control with respect to TVA and Distributor. TVA may modify or replace the form of the Participation Agreement at any time and from time to time upon thirty (30) Calendar Days' written notice to Distributor; provided, however, that any such revision shall not affect any fully executed Participation Agreement that was in effect prior to the effective date of said revision. Said notice shall be deemed properly given if provided electronically either by electronic mail or by posting electronically on a computer-based information system designated by TVA for such purpose.

SECTION 2.15 - POWER INVOICE

"Power Invoice" shall mean the monthly wholesale power invoice to Distributor from TVA, based on TVA's wholesale data and end-use data reported by Distributor to TVA, including Distributor customer end-use kWh consumption and generation.

SECTON 2.16 - PREMIUM RATE

"Premium Rate" shall mean the then-current applicable premium rate as stated in Guideline 8 of the Guidelines for the particular type of renewable generation.

SECTION 2.17 - PROPRIETARY INFORMATION

"Proprietary Information" shall mean the information specified below in Section 7.5 of this Distributor Agreement that Distributor has marked or otherwise clearly identified as confidential or proprietary such that it should not be disclosed by TVA.

SECTION 2.18 - QUALIFYING SYSTEM

"Qualifying System" means a qualifying renewable generation system type that meets, at the time TVA executes the <u>Participation Agreement</u>, the then-current applicable requirements of the <u>Participation Agreement</u> and the <u>Guidelines</u>.

SECTION 2.19 - SITE

"Site" shall mean Participant's residential, commercial, or industrial real estate and associated personal property to which the Qualifying System is connected, the address of which is identified under the Participant's power billing account. In addition, the Site must meet the following requirements:

- (a) The property must receive its retail electricity distribution service from Distributor at the location of the <u>Qualifying System</u>, and
- (b) The <u>Qualifying System</u> must be located on the same premises of <u>Participant</u> where the <u>Participant</u>'s own electrical load is located.

Furthermore, the <u>Site</u> shall meet the additional and then-current applicable requirements set forth in the <u>Participation Agreement</u> and the <u>Guidelines</u>.

SECTION 2.20 - TVA-VENDOR BILLING OPTION

"TVA-Vendor Billing Option" means TVA's designated third-party vendor (Vendor) who shall administer and manage the payments due to Participant for the Premium Rate portion of the Generation Credits and any rebate incentive for which Participant may be eligible, in accordance with the Participation Agreement and the Guidelines.

SECTION 2.21 - TVA-VENDOR METER OPTION

"TVA-Vendor Meter Option" shall mean the Generation Meter and remote communication access option available for Participants with Qualifying Systems that require interval metering. Under this option, Distributor installs a Generation Meter it has selected from specifications submitted to a TVA-selected third-party vendor. The TVA-selected third-party vendor will be responsible for providing to TVA the metering data recorded in the Generation Meter that it obtains through remote communication access. Said metering data may be used by TVA for verification and validation purposes of data reported to TVA via the Reporting System. TVA shall directly pay the TVA-selected third-party vendor as provided for in Subsection 3.3.4 for the Generation Meter and the provision of the metering data recorded by the Generation Meter.

ARTICLE III PROGRAM OBJECTIVE AND REQUIREMENTS

SECTION 3.1 - PROGRAM OBJECTIVE

The objective of the Program is for TVA to purchase electric energy from qualifying renewable generation systems to supply electric generation resources and support TVA's strategic goal for acquisition of clean energy. Under the Program, TVA shall not acquire more than the annual program limit, in MW as determined in the <u>Guidelines</u>, in total renewable nameplate capacity. The energy generated may be credited to TVA as a resource under TVA's Green Power Switch Program.

SECTION 3.2 - DISTRIBUTOR RESPONSIBILITIES

Under the Program, Distributor shall:

- 3.2.1 Conduct a review and verify the <u>Applicant's eligibility</u> for participation in the Program under the <u>Guidelines</u>; and
- 3.2.2 Review <u>Applicant</u>'s interconnection application, and, if approved, enter into an interconnection agreement with <u>Applicant</u>; and
- 3.2.3 Upon entering into an interconnection agreement and confirming the Applicant's and its Qualifying System's eligibility for Program participation, enroll the Applicant in the Program in accordance with the Participation Agreement and the Guidelines; and
- 3.2.4 Once the <u>Participation Agreement</u> has been executed by Distributor and <u>Applicant</u>, or by Distributor alone if <u>Applicant</u> is Distributor, submit said <u>Participation Agreement</u> to TVA for its review and potential approval and execution; and
- 3.2.5 For a Qualifying System that utilizes Interval metering, elect either the TVA-Vendor Meter Option or the Distributor Meter Option for that Participant with regard to the Generation Meter and remote communication access:
 - i. If the TVA-Vendor Meter Option is selected:
 - 1. Order a <u>Generation Meter</u> from the TVA-selected third-party vendor,
 - 2. Install the Generation Meter, and
 - Cooperate with TVA and the TVA-selected third-party vendor to enable necessary generation data collection and delivery to TVA.
 - ii. If the Distributor Meter Option is selected:
 - 1. Purchase a Generation Meter,
 - 2. Install the Generation Meter,
 - 3. Arrange remote communication access to the metering data recorded by the Generation Meter,

- 4. Provide TVA with access to such data as provided for in Section 6.5 below.
- Submit, after completion/execution of the System
 Acceptance Form, receipts and an invoice to TVA to be reimbursed for the actual cost of the installed <u>Generation</u>

 Meter.
- 6. If cellular service is not available, submit receipts and an invoice to TVA to be reimbursed for the costs associated with the installation of the remote communication access for the Generation Meter. It is expressly recognized that Distributor shall not be responsible for any amount of the cost of installation that exceeds the maximum reimbursement amount from TVA (\$500).
- 7. Submit receipts and an invoice to TVA for the first month's monthly communication access expenses, and
- 8. Approve subsequent monthly invoices provided by TVA for the remote communication expenses; and
- 3.2.6 For a Qualifying System that utilizes non-interval metering,
 - i. Select, purchase, and install a Non-Interval Generation Meter, and
 - Submit receipts and an invoice to TVA to be reimbursed for the actual cost (up to the maximum cost of \$250.00 specified in Subsection 3.3.7) of the installed <u>Non-Interval Generation Meter</u>; and
- 3.2.7 (i) Select either the Supply-Side Tie-In Interconnection (Option 1 Metering Connection) or Load-Side Tie-In Interconnection (Option 2 Metering Connection) as described in Attachment A (Metering Connection Options), (ii) indicate on the applicable System Acceptance Form which of the two options it has selected, and (iii) install the Generation Meter and Billing Meter as outlined in the diagram; provided, however, the Billing Meter shall have bi-directional capability if Option 2 Metering Connection is elected; and
- 3.2.8 Submit to TVA both the completed System Acceptance Form and the completed Distributor Customer Meter Setup (DCMS) form, or any other TVA-approved meter set-up form; and
- 3.2.9 Once the Qualifying System is ready to generate, but prior to such Qualifying System commencing generation into Distributor's electric system, conduct a review at the Site to verify the compliance of the Qualifying System with (i) the standards of the Participation Agreement and the Guidelines, (ii) Distributor's interconnection requirements, and (iii) any inspection report from appropriate governmental authorities. By signing the System Acceptance Form, Distributor warrants to TVA that the Qualifying System meets the Distributor's interconnection requirements and the requirements of this Agreement only at the time of Distributor's signature of the System Acceptance Form; and

- 3.2.10 Complete and execute the System Acceptance Form prior to the deadline under the <u>Participation Agreement</u> (within one hundred eighty (180) <u>Calendar Days</u> of TVA's execution of the <u>Participation Agreement</u>). Distributor shall submit to TVA said System Acceptance Form within ten (10) <u>Business Days</u> of its execution, and no later than ten (10) <u>Business Days</u> after the deadline under the <u>Participation Agreement</u>. Upon the System Acceptance Form's approval by TVA's Operating Representative (identified in Subsection 7.4.3 below), the date on which Distributor executes the System Acceptance Form shall become the date upon which the <u>Participant</u> shall begin accruing <u>Generation Credits</u>. Furthermore, TVA shall not pay for any electric energy generated by the <u>Qualifying System(s)</u> prior to said date; and
- 3.2.11 If Distributor elects the <u>Distributor Billing Option</u>, provide a one-time \$1,000.00 rebate incentive to each <u>Participant</u> per <u>Site</u> and in accordance with the Participation Agreement; and
- 3.2.12 If Distributor elects the <u>TVA-Vendor Billing Option</u>, Vendor will provide the one-time \$1,000.00 incentive payment, referred to in Subsection 3.2.11 above, to each <u>Participant</u> per <u>Site</u> in accordance with the <u>Participation Agreement</u>; and
- 3.2.13 Collect and make available to TVA any data relative to the Program's participation; and
- 3.2.14 Credit each <u>Participant</u> for the energy generated by its <u>Qualifying</u>
 <u>System</u> in accordance with Article V below; and
- 3.2.15 For audit purposes, collect and make available to TVA, in a format specified by TVA, monthly data reports relative to the Program. This data shall include (a) information on each <u>Participant</u> at the time of enrollment in the Program, (b) the type of <u>Participant</u> (whether residential, commercial, or industrial), (c) the type and capacity of each <u>Participant</u>'s <u>Qualifying System</u>, (d) a monthly report of the generation output from each individual type of <u>Qualifying System</u> at each <u>Site</u>, (e) the applicable retail rate to apply to the <u>Participant</u>'s <u>Generation Credits</u>, and (f) the payments made by <u>Distributor to each Participant</u>, whether <u>Distributor elects the <u>Distributor Billing Option</u> or <u>TVA-Vendor Billing Option</u>; and</u>
- 3.2.16 For billing purposes, report to TVA monthly, via the Reporting System, all generation data related to each <u>Qualifying System</u>; provided, however, Distributor must commence reporting generation of new <u>Qualifying Systems</u> within three (3) months of the date of the System Acceptance Form. Neither Distributor nor <u>Participants</u> shall be entitled to reimbursement by TVA for any generation data reported to TVA outside the timeframes specified in this Subsection 3.2.16; and

- 3.2.17 Perform any other actions that may be reasonably required to comply with this Distributor Agreement, the <u>Participation Agreement</u>, or the <u>Guidelines</u>; and
- 3.2.18 Submit to TVA for review and potential approval and execution any partially executed "Request to Amend Participation Agreement by Changing Participant and/or Qualifying System Owner," the form of which is attached to this Distributor Agreement as Attachment C, with respect to any intended ownership transfer of a Site and/or Qualifying System by Participant, and/or the owner of Qualifying System (if different from Participant) in accordance with the Participation Agreement. TVA may modify or replace Attachment C at any time and from time to time upon thirty (30) Calendar Days' notice to Distributor. Said notice shall be deemed properly given if provided electronically either by electronic mail or by posting electronically on a computer-based information system designated by TVA for such purpose.

The <u>Billing Meter</u>, <u>Generation Meter</u>, and any other equipment installed by Distributor, or its representative, at the <u>Site</u> in connection with the Program shall remain the property of Distributor.

SECTION 3.3 - TVA RESPONSIBILITIES

Under the Program, TVA shall:

- 3.3.1 Make separate arrangements for either: (i) Vendor to administer and manage the payments and reimbursements to <u>Participant</u> in accordance with Section 5.4 below for the <u>TVA-Vendor Billing Option</u>, or (ii) Distributor to administer and manage the payments and reimbursements to <u>Participant</u> in accordance with Section 5.3 below for the <u>Distributor Billing Option</u>; and
- 3.3.2 Review all partially executed <u>Participation Agreements</u> to verify
 (i) Program participation eligibility and (ii) conformity to this Distributor Agreement and the <u>Guidelines</u> and, if approved, execute said <u>Participation Agreements</u>, but if not approved, return to Distributor identifying deficiencies; and
- 3.3.3 Following its approval of the System Acceptance Form, pay Distributor \$200.00 for the review of the required interconnection and safety equipment for each Qualifying System in accordance with the Participation Agreement, and pay Distributor \$200.00 for a maximum of one repeat review if the equipment does not meet the requirements at the initial review; and
- 3.3.4 Reimburse TVA-selected third-party vendor for <u>Generation Meter</u> and remote communication access if Distributor elects the <u>TVA-Vendor Meter Option</u>; and
- 3.3.5 With respect to <u>Billing Meter</u>, if Distributor elects Option 2 Metering Connection and the existing Billing Meter does not have bi-directional

programming capability, reimburse Distributor up to \$1,000.00 for the replacement of the existing <u>Billing Meter</u> with a bi-directional <u>Billing Meter</u> installed at the <u>Site</u> based upon actual costs and submitted invoices, as documented on submitted receipts; provided, however; that it is expressly recognized that any future needed upgrades from existing non-interval <u>Billing Meters</u> to interval <u>Billing Meters</u> shall not be reimbursed by TVA; and

- 3.3.6 With respect to the <u>Generation Meter</u> and remote communication access, if the <u>Distributor Meter Option</u> is elected:
 - i. Reimburse Distributor up to \$1,000.00 for each Interval
 Generation Meter purchased and initially installed at the Site
 based upon actual costs and submitted invoices, as documented
 on submitted receipts. It is expressly recognized that the
 Distributor is responsible for any amount of the cost of each
 Interval Generation Meter that exceeds the amount reimbursed by
 TVA; provided, however, Distributor may elect to require each of
 its Participants to pay such additional cost, if any. Upon proof of
 failure of an Interval Generation Meter, and if a replacement
 Interval Generation Meter is needed at the Site, TVA shall
 reimburse Distributor \$1,000.00 for such replacement Interval
 Generation Meter. It is expressly recognized that TVA shall not
 provide any reimbursement for any future failure(s) of the Interval
 Generation Meter after the first replacement and reimbursement;
 and
 - ii. Reimburse Distributor up to \$500.00 for the installation of the remote communication access to the <u>Generation Meter</u> based upon actual costs and submitted invoices as documented on submitted receipts. It is expressly recognized that the Distributor is responsible for any amount of the cost of installation that exceeds the amount reimbursed by TVA; provided, however, Distributor may elect to require each of its <u>Participants</u> to pay such additional cost, if any; and
 - iii. If remote communication access to the <u>Generation Meter</u> is provided to TVA, reimburse Distributor for providing remote communication access up to \$50.00 per month based on the first month's actual costs and submitted invoices, as documented on submitted receipts. During subsequent months for the term of the <u>Participation Agreement</u>, TVA shall reimburse Distributor monthly for the remote communication access based on Distributor's approval of monthly invoices provided to TVA; and
 - 3.3.7 With respect to the <u>Generation Meter</u> and remote communication access, if a <u>Non-Interval Generation Meter</u> is used, reimburse Distributor up to \$250.00 for each installed <u>Non-Interval Generation Meter</u> at the <u>Site</u> based upon actual costs and submitted invoices, as documented on submitted receipts. It is expressly recognized that the

Distributor is responsible for any amount of the cost of each Non-Interval Generation Meter that exceeds the amount reimbursed by TVA; provided, however, Distributor may elect to require each of its Participants to pay such additional cost, if any. Upon proof of failure of a Non-Interval Generation Meter, and if a replacement Non-Interval Generation Meter is needed at the Site, TVA shall reimburse Distributor \$250.00 for such replacement. It is expressly recognized that TVA will not provide any reimbursement for any future failure(s) of the Interval Generation Meter after the first replacement and reimbursement; and

- 3.3.8 If Distributor elects the <u>Distributor Billing Option</u>, reimburse Distributor the \$1,000.00 incentive for each <u>Participant</u> in the Program in accordance with Participation Agreement; and
- 3.3.9 Provide appropriate reimbursements to Distributor upon TVA's receipt of the complete and fully executed System Acceptance Form; and
- 3.3.10 If Distributor elects the <u>TVA-Vendor Billing Option</u>, cause Vendor to provide payments directly to <u>Participant</u> in accordance with Article V below.

SECTION 3.4 - DISTRIBUTOR FACILITY PARTICIPATION IN PROGRAM

In addition to offering the Program to its customers, Distributor is also eligible to participate and be a <u>Participant</u> in the Program, with the rights to receive those sums, reimbursements, or credits that are otherwise due to a <u>Participant</u> with a <u>Qualifying System</u>. Distributor shall be entitled to reimbursement by TVA of eligible expense as set forth in Section 3.3 above.

For the purposes of the Program, Distributor's facility shall qualify and meet, at the time of Distributor's election to participate in the Program, the then-current applicable participation requirements set forth in the <u>Participation Agreement</u> and the <u>Guidelines</u>. Furthermore, if Distributor's facility is to participate in the Program, the System Acceptance Form must be received and approved by TVA within one hundred eighty (180) <u>Calendar Days</u> of TVA's execution of said <u>Participation Agreement</u>. Payment for the <u>Generation Credit</u> due to Distributor shall be included in the monthly wholesale billing adjustment as described in Subsection 5.3.3 of this Distributor Agreement.

SECTION 3.5 - NEW CONSTRUCTION PARTICIPATION IN PROGRAM

As provided for under the <u>Guidelines</u>, proposed systems to be located on new construction at a <u>Site</u> may be accepted into the Program against the Program's annual capacity limit, provided that (i) Distributor agrees to offer the Program to its prospective eligible customers or "new construction" market, subject to the Program's terms and conditions, (ii) the new construction builder completes and submits for Distributor's and TVA's review and potential approval the Request for Program Participation Eligibility of New Construction form, which is attached to this Distributor Agreement as Attachment E, and (iii) both Distributor and TVA approve and execute it.

ARTICLE IV CONTRACT TERM AND TERMINATION

SECTION 4.1 - TERM OF AGREEMENT

This Distributor Agreement shall become effective as of the date first above written, and shall remain in effect until terminated as provided by Section 4.2 below.

SECTION 4.2 - TERMINATION OF AGREEMENT

This Distributor Agreement shall terminate:

- (a) Upon at least thirty (30) <u>Calendar Days'</u> prior written notification of such termination given by one party to the other, or
- (b) Upon the date, if any, on which the Power Contract and any renewal, extension, or replacement of it terminates or expires.

Nothing contained in this Distributor Agreement shall be construed as relieving either TVA or Distributor of its obligations with regard to <u>Participants</u> enrolled in the Program prior to the effective date of such termination. Upon sending or receiving such a termination notice, as outlined in (a) above, Distributor shall make no further commitments; provided, however, that upon any terminations under (b) above, Distributor shall send a notice of termination of <u>Participation Agreements</u> to <u>Participants</u> who are party to any currently effective <u>Participation Agreements</u> with the Distributor.

Upon termination of this Distributor Agreement, Distributor shall not execute any Participation Agreements submitted by new Applicants for participation in the Program, and shall maintain records, including the Participation Agreements, their amendments, if any, and copies of System Acceptance Forms, for each Participant for at least six (6) years after the termination of Participant's participation in the Program.

SECTION 4.3 - TERMINATION OF PARTICIPATION AGREEMENTS

Early termination of individual <u>Participation Agreements</u> may be approved based upon terms mutually acceptable to TVA, Distributor, and <u>Participant</u>. In addition, Distributor shall notify TVA immediately of any terminations as outlined in the <u>Participation Agreement</u>.

ARTICLE V METERING AND BILLING

SECTION 5.1 - METERING CONNECTION

For each Qualifying System, Distributor may utilize either the metering design of Option 1 Metering Connection or Option 2 Metering Connection. However, for billing reasons, it is strongly encouraged that Distributor utilizes Option 1 Metering Connection for a Participant who is a Demand-Metered customer.

Distributor shall indicate on the System Acceptance Form for each <u>Qualifying System</u> which of the two options it has elected, by completing and submitting to TVA said form. Distributor may at any time change its election by providing written notice to TVA's Operating Representative; provided, however, TVA shall not reimburse Distributor or <u>Participant</u> for any costs either incurs as a result of such change of election, other than the \$1000.00 referred to under Subsection 3.3.5 above.

SECTION 5.2 - PREMIUM RATE AND INCENTIVE DISTRIBUTION OPTIONS

For all <u>Participants</u> of Distributor under the Program, Distributor shall select either the <u>Distributor Billing Option</u> or the <u>TVA-Vendor Billing Option</u> for the <u>Generation Credits</u> and rebate incentives disbursement to all of its <u>Participants</u>. Distributor shall indicate which of the two options it has selected by submitting to TVA a completed copy of the form attached to this Distributor Agreement as Attachment B and entitled "Premium Rate & Incentive Distribution Options." If Distributor elects the <u>Distributor Billing Option</u>, TVA shall reimburse Distributor at the same per-unit cost as TVA uses for the <u>TVA-Vendor Billing Option</u>, and such reimbursement arrangement(s) shall be provided for under separate agreement or agreements between Distributor and TVA. Distributor may, at any time and upon ninety (90) <u>Calendar Days</u> notice to TVA, change its election by submitting a revised Attachment B to TVA.

SECTION 5.3 - METERING AND BILLING ADJUSTMENTS BY DISTRIBUTOR

If Distributor elects the <u>Distributor Billing Option</u> on Attachment B, the parties agree that this Section 5.3 shall be effective, and Section 5.4 below is of no force or effect. The parties agree to the following:

5.3.1 Retail Charge for Participants.

i. Participants with Option 1 Metering Connection. Effective with the billing period when the Qualifying System commences generation into Distributor's electric system and for each billing period thereafter during the term of the Participation Agreement, Distributor shall include the following in its determination of each Participant's power bill: Distributor shall (a) apply all charges and credits for power and energy to the kWh energy measured on the single associated Billing Meter at the Site and any other charges and credits determined in accordance with the applicable retail

- rate schedule, as appropriate, and (b) credit <u>Participant</u> with Generation Credit.
- ii. Participants with Option 2 Metering Connection. Effective with the billing period when the Qualifying System commences generation into Distributor's electric system and for each billing period thereafter during the term of the Participation Agreement, Distributor shall include the following in its_determination of each Participant's power bill: Distributor shall (a) add the kWh energy (and demand for every consecutive thirty (30) minute period, if applicable) measured on the Generation Meter to the kWh energy (and demand for every consecutive thirty (30) minute period, if applicable) measured on the single associated Billing Meter at the Site, (b) apply all charges and credits for power and energy to such total and any other charges and credits determined in accordance with the applicable retail rate schedule, as appropriate, and (c) credit Participant with the Generation Credit.
- 5.3.2 Generation Credit and Billing Period. If the Generation Credit exceeds the sum of all charges and other credits on Participant's power bill resulting in Participant being owed money for the billing period, Distributor may elect to carry over any such payment due to Participant as an additional credit on Participant's power bill for the following billing period, and may continue to do so for a total of twelve (12) consecutive billing periods. If at the end of this cumulative period the value of Participant's Generation Credit exceeds the net sum of all charges and other credits for such cumulative period, Distributor shall issue payment to Participant for the balance due.
- 5.3.3 Wholesale Billing Adjustment. Distributor and TVA acknowledge and agree that all energy generated by Participants under this Distributor Agreement, as read from Participants' Generation Meters, is being sold by Participants to TVA under this Distributor Agreement for the purpose of TVA reselling such energy to Distributor as part of TVA's sale of power to Distributor under the Power Contract. Accordingly, in calculating the wholesale power bill each month for Distributor under the wholesale rate schedule attached to and made a part of the Power Contract. (a) Distributor's total demand and energy takings from TVA at the delivery points under the Power Contract shall be increased, on a simultaneous basis (or another statistical approach mutually agreed upon by Distributor and TVA), by Distributor's energy flow from all Qualifying Systems of all Participants under this Distributor Agreement as read from Participants' Generation Meters during the month, and (b) a credit shall be applied to Distributor's wholesale power bill equal to Distributor's monthly payment to Participants (or as close to equal as possible for Participants whose billing cycles do not coincide with the Distributor billing cycle), including the Premium Rate for the electric energy delivered to TVA from all Qualifying Systems interconnected with Distributor under this Distributor Agreement as read from Participants' Generation Meters during the month.

SECTION 5.4 - TVA-VENDOR BILLING OPTION ADMINISTRATION

If Distributor elects the <u>TVA-Vendor Billing Option</u> on Attachment B, the parties agree that this Section 5.4 shall be effective, and Section 5.3 above is of no force or effect. The data obtained from the <u>Billing Meter</u> and <u>Generation Meter</u> associated with the <u>Qualifying System</u> and reported to TVA via the Reporting System, shall be used by TVA in determining the <u>Generation Credit</u>, if any, that the TVA-selected third-party vendor and Distributor shall pay to <u>Participant</u>. The parties agree to the following:

5.4.1 Retail Rate Portion of Generation Credit.

- i. Participants with Option 1 Metering Connection. Effective with the billing period when the Qualifying System commences generation into Distributor's electric system and for each billing period thereafter during the term of the Participation Agreement, Distributor shall include the following in its determination of each Participant's power bill: Distributor shall (a) apply all charges and credits for power and energy to the kWh energy measured on the Billing Meter, and if applicable, the Generation Meter, at the Site and any other charges and credits determined in accordance with the applicable retail rate schedule, as appropriate, and (b) credit Participant with a dollar amount calculated by applying the energy charge in the applicable retail rate schedule (residential or deemed to be GSA1 for all commercial and industrial customers) to the kWh energy measured on the Generation Meter.
- ii. Participants with Option 2 Metering Connection. Effective with the billing period when the Qualifying System commences generation into Distributor's electric system and for each billing period thereafter during the term of the Participation Agreement, Distributor shall include the following in its determination of each Participant's power bill: Distributor shall (a) add the kWh energy (and demand for every consecutive thirty (30) minute period, if applicable) measured on the Generation Meter to the kWh energy (and demand for every consecutive thirty (30) minute period, if applicable) measured on the Billing Meter at the Site. (b) apply all charges and credits for power and energy to such total and any other charges and credits determined in accordance with the applicable retail rate schedule, as appropriate, and (c) credit Participant with a dollar amount calculated by applying the energy charge in the applicable retail rate schedule (residential or deemed to be GSA1 for all commercial or industrial customers) to the kWh energy measured on the Generation Meter.
- 5.4.2 Premium Rate Portion of Generation Credit. Based upon generation data of each Qualifying System submitted to TVA via Reporting System, Vendor shall deliver to Participant as soon as reasonably practical, but no later than ten (10) Business Days following the end of each calendar month, a statement showing energy delivered from the Qualifying System during the previous calendar month and a computation of the payment

due to <u>Participant</u>. Such payment shall be calculated by applying the applicable <u>Premium Rate</u> to the kWh energy measured on the <u>Generation Meter</u>. In the event that generation information of a <u>Qualifying System</u> is not promptly provided due to such events as meter malfunction or communications failure, the time period in which Distributor may deliver said data to TVA may be extended as appropriate. Payments due, if any, by Vendor under this Subsection 5.4.2 are due within thirty (30) <u>Calendar Days</u> of the date of the statement.

Wholesale Billing Adjustment. Distributor and TVA acknowledge and 5.4.3 agree that all energy generated by Participants under this Distributor Agreement, as read from Participants' Generation Meters and reported to TVA via the Reporting System, is being sold by Participants to TVA under this Distributor Agreement for the purpose of TVA reselling such energy to Distributor as part of TVA's sale of power to Distributor under the Power Contract. Accordingly, in calculating the wholesale power bill each month for Distributor under the wholesale rate schedule attached to and made a part of the Power Contract, (a) Distributor's total demand and energy takings from TVA at the delivery points under the Power Contract shall be increased, on a simultaneous basis (or another statistical approach mutually agreed upon by Distributor and TVA), by Distributor's energy flow from all Qualifying Systems of all Participants under this Distributor Agreement as read from Participants' Generation Meters during the month, and (b) a credit shall be applied to Distributor's wholesale power bill equal to Distributor's monthly payment to Participants (or as close to equal as possible for Participants whose billing cycles do not coincide with the Distributor billing cycle) for the electric energy delivered to TVA from all Qualifying Systems interconnected with Distributor under this Distributor Agreement as read from Participants' Generation Meters during the month.

ARTICLE VI GENERATION METERING FACILITIES

SECTION 6.1 - INTERVAL GENERATION METER

An Interval Generation Meter shall be used if any of the following apply: (a) the Participant's Qualifying System has a nameplate generation capacity of greater than 10 kW, (b) the Participant's Qualifying System has a nameplate generation capacity of less than or equal 10 kW, but the Participant's Billing Meter is Demand-Metered, and Distributor has chosen Option 2 Metering Connection, (c) Distributor elects to install an Interval Generation Meter, or (d) modifications to the Qualifying System or Participant's Billing Meter result in the qualifications stated in clauses (a), (b), or (c) above being met for the Interval Generation Meter.

SECTION 6.2 - NON-INTERVAL GENERATION METER

A <u>Non-Interval Generation Meter</u> may be used when the <u>Participant's Qualifying System</u> has a nameplate generation capacity of less than or equal to 10 kW and either (a) the <u>Participant's Billing Meter</u> is not <u>Demand-Metered</u>, or (b) the <u>Participant's Billing Meter</u> is <u>Demand-Metered</u> and Distributor has chosen the Option 1 Metering Connection.

SECTION 6.3 - GENERATION METER

It is recognized and agreed that Distributor is responsible for installing and maintaining the meter and associated equipment that in TVA's judgment are needed for determining the amounts of power and energy associated with the Program. Distributor shall at its expense provide the equipment and materials and perform the work necessary to install the <u>Generation Meter</u> and be reimbursed by TVA as agreed in Section 3.3 above. If remote communication access to the <u>Generation Meter</u> is provided to TVA using the <u>Distributor Meter Option</u>, TVA shall reimburse Distributor for the cost of the remote communication access as provided for in Subsection 3.3.6(iii) above. If the <u>TVA-Vendor Meter Option</u> is elected, Distributor shall coordinate the metering responsibilities with TVA and the TVA-selected third-party vendor. Thereafter, Distributor shall test, calibrate, operate, maintain, repair, and replace all facilities in the metering installation, as requested by TVA.

SECTION 6.4 - GENERATION DATA DELIVERY

In accordance with the <u>Guidelines</u> or specifications furnished or approved by TVA, Distributor shall provide TVA with generation data as requested by TVA as set forth in Subsection 3.2.5 above.

SECTION 6.5 - ACCESS BY TVA

If Distributor has elected the <u>TVA-Vendor Meter Option</u>, Distributor shall cooperate with TVA and the TVA selected third-party vendor to enable necessary generation data collection and delivery to TVA. If TVA is reimbursing Distributor for remote communication access through the <u>Distributor Meter Option</u>, Distributor grants TVA access to the data stored in the <u>Generation Meter</u> through remote communication

access (or alternative system approved by TVA) and shall provide to TVA passwords or any other information necessary for the exercise of such access. Distributor further grants to TVA access to the metering facilities for the purpose of confirmation of the metering data being received by the remote communication access. The use of cellular communication (or alternative system approved by TVA) and access to the metering data shall be coordinated by TVA's and Distributor's Operating Representatives to ensure unrestricted access by TVA for data retrieval purposes during such periods as specified by TVA.

ARTICLE VII MISCELLANEOUS PROVISIONS

SECTION 7.1 - ENVIRONMENTAL ATTRIBUTES

TVA shall retain the sole right and title to any renewable energy credits (including tradable renewable credits or green tags) or other associated benefits or environmental attributes of energy generated from the renewable nature of the <u>Qualifying Systems</u>, without regard to whether any governmental authority or other organization has registered, certified, or otherwise taken action to recognize said credits, tags, benefits, or attributes.

SECTION 7.2 - DISTRIBUTOR INVOICE TO TVA FOR REIMBURSEMENTS

For eligible reimbursable expenses, Distributor shall invoice TVA for the reimbursable expenses identified under Article V above; TVA shall pay within thirty (30) <u>Calendar Days</u> after receiving a proper invoice. A proper invoice must include the TVA Purchase Order number assigned to this Distributor Agreement and must be numbered (unique to each invoice), dated, itemized in detail (including identification of individual <u>Sites</u> to which charges relate), and accompanied by all reasonable supporting documentation specified by TVA.

SECTION 7.3 - CHANGES TO AGGREGATE NAMEPLATE CAPACITY

Any requests to change the nameplate capacity of a <u>Qualifying System</u>, after the effective date of the <u>Participation Agreement</u>, must be reviewed by Distributor and TVA. <u>Participant</u> and Distributor, or their authorized representatives, shall complete Attachment D (Request to Amend Participation Agreement to Modify Capacity of Qualifying System), and forward it to the TVA Operating Representative for review and consideration in accordance with the <u>Participation Agreement</u> and <u>Guidelines</u>. Said proposed change to nameplate capacity of the <u>Qualifying System</u> shall be approved only if Program capacity is available and all other Program requirements are being met as outlined in the <u>Participation Agreement</u> and the <u>Guidelines</u>. Upon approval, any approved changes to nameplate capacity of a <u>Qualifying System</u> must be implemented within one hundred eighty (180) <u>Calendar Days</u> of TVA's approval date as set out in Attachment D.

TVA may modify or replace the form of Attachment D at any time and from time to time upon thirty (30) <u>Calendar Days</u>' notice to Distributor. Said notice shall be deemed properly given if provided electronically either by electronic mail or by posting electronically on a computer-based information system designated by TVA for such purpose.

SECTION 7.4 - OPERATING REPRESENTATIVES

7.4.1 Subject to the provisions of this Distributor Agreement, the Power Contract, and any applicable law or regulation, and only to the extent consistent therewith, the Operating Representatives may agree upon such incidental administrative arrangements as are appropriate for the efficient and expeditious implementation of this Distributor Agreement.

- 7.4.2 Distributor's Operating Representative for administration of this Distributor Agreement shall be the manager of its electric system or a designee.
- 7.4.3 TVA's Operating Representative for administration of this Distributor Agreement shall be the Director of Renewable Energy Programs or a designee.
- 7.4.4 Either party may change its Operating Representative designated under this Section 7.4 by giving written notice to the other party.

SECTION 7.5 - PROPRIETARY INFORMATION

- 7.5.1 The Distributor's customer data shall be deemed to be <u>Proprietary Information</u> when provided to TVA for purposes of the Program.
- 7.5.2 Except as may be required by law, TVA agrees not to divulge <u>Proprietary Information</u> to third parties, other than to employees, contractors, and agents of TVA or other parties necessarily involved in conducting the Program, without the written consent of the Distributor.
- 7.5.3 The obligations of this Section 7.5 with respect to <u>Proprietary Information</u> shall inure to the benefit of, and shall be binding upon, Distributor and TVA, and, as applicable, their respective subsidiaries, affiliates, successors, and assigns. In addition, the Distributor's and TVA's obligations with respect to <u>Proprietary Information</u> shall be binding upon any and all directors, officers, attorneys, agents, contractors, and employees of that party, and each party shall, respectively, secure the compliance by all of the foregoing with all of the terms and conditions of obligations with respect to <u>Proprietary Information</u> required to be observed or performed hereunder.

IN WITNESS WHEREOF, the parties have caused this Distributor Agreement to be executed by their duly authorized representatives, as of the day and year first above written.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

By Wavid & Amart
Title: Resident + CEO

TENNESSEE-KALLEY AUTHORITY

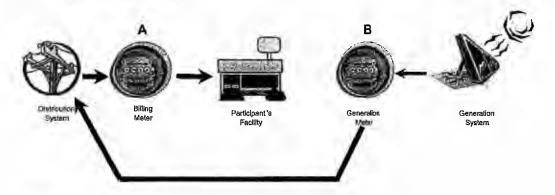
Senjor Manager, Power Contracts

ATTACHMENT A

METERING CONNECTION OPTIONS

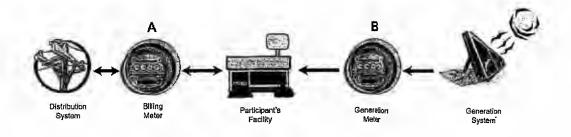
Option 1 Metering Connection (Supply-Side Tie-In Generation Meter). Billing calculated as follows:

- 1. Use the kWh energy measured on the Billing Meter.
- 2. Apply all charges and credits for power and energy in accordance with the applicable retail rate schedule.
- Credit <u>Participant</u> by adding the retail rate (residential or GSA1 for all commercial and industrial customers) and the <u>Premium Rate</u> (as determined by the <u>Guidelines</u>) and multiply the result by the kWh energy measured on the <u>Generation Meter</u>.



Option 2 Metering Connection (Load-Side Tie-In Generation Meter). Billing calculated as follows:

- Add the kWh energy and kW demand, if applicable, measured on the Generation Meter to the kWh energy and kW demand, if applicable, measured on the Billing Meter.
- 2. Apply all charges and credits for demand and energy to the sum from step 1 in accordance with the applicable retail rate schedule
- Credit <u>Participant</u> by adding the retail rate (residential or GSA1 for all commercial and industrial customers) and the <u>Premium Rate</u> (as determined by <u>the Guidelines</u>) and multiply the result by the kWh energy measured on the <u>Generation Meter</u>.



ATTACHMENT B

PREMIUM RATE & INCENTIVE DISTRIBUTION OPTIONS

I West Kentucky RECC. (Distributor) elect the following option for all Generation Partners Pilot and Green Power Providers Program Generation Credits and incentives due to the Participant under the Green Power Providers Participation Agreement:
Distributor Billing Option
☐ TVA-Vendor Billing Option
David E. Smart Resident + CEO Distributor Representative Name & Title
Distributor Representative Signature
September 25, 2012 Date

For TVA Use	Only:
	, Supp

ATTACHMENT C

REQUEST TO AMEND PARTICIPATION AGREEMENT BY CHANGING PARTICIPANT AND/OR QUALIFYING SYSTEM OWNER

SECTION 1: AGREEMENT INFORMATION

Green Power Providers Participation Agreement or Green Power Providers Distributor Facility Participation Agreement No.:			
Request to amend Participation Agreement by changing (Check all that apply):			
Participant (PLEASE COMPLETE SECTION 2) Qualifying System Owner (If different from Participant) (PLEASE COMPLETE SECTION 3)			
SECTION 2: TO CHANGE PARTICIPANTS - TO BE COMPLETED BY BOTH CURRENT PARTICIPANT/TRANSFEROR AND NEW PARTICIPANT/TRANSFEREE*			
Current Participant (PRINT NAME): /Transferor			
	*Current Participant/Transferor Signature		
	Date		
New Participant (PRINT NAME): /Transferee			
Titalisteree	(BILLING SERVICE ACCOUNT #)		
Notice Address of New Participant: /Transferee	(NAME)		
	(STREET ADDRESS)		
	(CITY, STATE, ZIP)		
	*New Participant/Transferee Signature		
	Date		

* THE INDIVIDUALS SIGNING ABOVE AUTHORIZE THEIR POWER DISTRIBUTOR
(ELECTRIC COMPANY) AND TVA TO AMEND THE EXISTING PARTICIPATION AGREEMENT
BY CHANGING THE CURRENT PARTICIPANT/TRANSFEROR TO THE NEW
PARTICIPANT/TRANSFEREE. THE NEW PARTICIPANT/TRANSFEREE ACKNOWLEDGES
BEING FULLY RESPONSIBLE FOR AND SHALL COMPLY WITH THE PARTICIPATION
AGREEMENT FOR THE REMAINING TERM OF THE PARTICIPATION AGREEMENT. THIS
AMENDMENT REQUEST MAY BE SUBJECT TO A REASONABLE FEE TO BE PAID BY THE
NEW PARTICIPANT/TRANSFEREE TO THE POWER DISTRIBUTOR. ADDITIONALLY, THE
INDIVIDUALS SIGNING ABOVE UNDERSTAND THAT, IN THE PLACE OF THE CURRENT
PARTICIPANT/TRANSFEROR, THE NEW PARTICIPANT/TRANSFEREE SHALL BE
RESPONSIBLE FOR AND SHALL COMPLY WITH THE POWER DISTRIBUTOR'S
INTERCONNECTION AGREEMENT, WHICH MAY REQUIRE SUPPLYING PROOF OF
INSURANCE COVERAGE. THE NEW PARTICIPANT/TRANSFEREE ACKNOWLEDGES THAT
S/HE HAS BEEN GIVEN A COPY OF BOTH THE PARTICIPATION AGREEMENT AND THE
INTERCONNECTION AGREEMENT.

<u>SECTION 3: TO CHANGE QUALIFYING SYSTEM OWNER - TO BE COMPLETED BY 1) PARTICIPANT, 2) CURRENT QUALIFYING SYSTEM OWNER/TRANSFEROR, AND 3) NEW QUALIFYING SYSTEM OWNER/TRANSFEREE**</u>

Participant (PRINT NAME):	
**Participant Signature	Date
Current Qualifying System Owner (PRINT NAME):	
**Current Qualifying System Owner/Transferor Signature	Date
New Qualifying System Owner (PRINT NAME): ////////////////////////////////////	
**New Qualifying System Owner/Transferee Signature	Date
**THE INDIVIDUALS SIGNING ABOVE AUTHORIZE THEIR PO (ELECTRIC COMPANY) AND TVA TO AMEND THE PARTICIPATION	PATION AGREEMENT BY
CHANGING THE QUALIFYING SYSTEM OWNER AS REQUE	SIED. THE NEW QUALIFYING

**THE INDIVIDUALS SIGNING ABOVE AUTHORIZE THEIR POWER DISTRIBUTOR
(ELECTRIC COMPANY) AND TVA TO AMEND THE PARTICIPATION AGREEMENT BY
CHANGING THE QUALIFYING SYSTEM OWNER AS REQUESTED. THE NEW QUALIFYING
SYSTEM OWNER/TRANSFEREE ACKNOWLEDGES BEING FULLY BOUND BY THE
PARTICIPATION AGREEMENT, INCLUDING ALL SYSTEM OWNER RESPONSIBILITIES
THEREUNDER. THIS CHANGE REQUEST MAY BE SUBJECT TO A REASONABLE FEE TO
BE PAID BY PARTICIPANT TO THE POWER DISTRIBUTOR. FURTHER, THE NEW
QUALIFYING SYSTEM OWNER/TRANSFEREE ACKNOWLEDGES BEING RESPONSIBLE
FOR AND SHALL COMPLY WITH THE POWER DISTRIBUTOR'S INTERCONNECTION
AGREEMENT, WHICH MAY REQUIRE SUPPLYING PROOF OF INSURANCE COVERAGE.
THE NEW QUALIFYING SYSTEM OWNER/TRANSFEREE ACKNOWLEDGES THAT S/HE HAS
BEEN GIVEN A COPY OF BOTH THE PARTICIPATION AGREEMENT AND THE
INTERCONNECTION AGREEMENT.

SECTION 4: TO BE COMPLETED BY POWER DISTRIBUTOR***

Distributor's Acceptance of Qualifying System Form Submitted to TVA: Yes No			
(Has the Distributor signed Distributor's Acceptance of Qualifying System form and turned it in to TVA?)			
If Yes, Date of Distributor's Acceptance of Qualifying System Form submission:			
Distributor Name			
Distributor Representative Name & Title Date			
***Distributor Representative Signature			
***BY SIGNING ABOVE IN SECTION 4, POWER DISTRIBUTOR AUTHORIZES AND AGREES TO AMEND THE PARTICIPATION AGREEMENT BY MAKING THESE REQUESTED CHANGES AS SET FOR FORTH UNDER SECTION 2 AND/OR SECTION 3 ABOVE AND CONFIRMS THAT ALL FEES AND ASSOCIATED INTERCONNECTION DOCUMENTATION HAVE BEEN REVIEWED AND APPROVED BY POWER DISTRIBUTOR FOR ACCEPTANCE WITHIN THE PROGRAM.			
SECTION 5: TO BE COMPLETED BY TVA			
APPROVED DENIED			
COMMENTS/REASONS FOR DENIAL:			
TENNESSEE VALLEY AUTHORITY			
TVA Representative Name & Title Date			
TVA Representative Signature			

For TVA Use Only:	7
, Supp.	

ATTACHMENT D

REQUEST TO AMEND PARTICIPATION AGREEMENT TO MODIFY CAPACITY OF QUALIFYING SYSTEM

Date of request:

Green Power Providers Participation Agreement or Green Power Providers Distributor Facility Participation Agreement (Participation Agreement) No.:	
Participant (PRINT NAME):	
A) Existing total nameplate capacity of qualifying system: ** kW	
B) Requested increment or decrement in nameplate capacity of Qualifying System:	kW
C) Total new requested nameplate capacity of Qualifying System:	ŧ
If the owner of Qualifying System is different from the Participant, then the Qualifying System Owner must complete the following:	l
Qualifying System Owner (PRINT NAME):	P 6462105
Qualifying System Owner Signature & Date:	eresta e
*Participant Signature	

*BY SIGNING ABOVE, PARTICIPANT FORMALLY REQUESTS PERMISSION TO MODIFY (INCREASE OR DECREASE) THE QUALIFYING SYSTEM NAMEPLATE CAPACITY REFERENCED ABOVE INCLUDING MAKING NECESSARY INTERCONNECTION MODIFICATIONS AND TO AMEND THE PARTICIPATION AGREEMENT AS NECESSARY TO ACCOMMODATE THE CHANGED CAPACITY. SAID PROPOSED INCREASE OR DECREASE, IF ACCEPTED BY THE POWER DISTRIBUTOR AND TVA, SHALL BE SUBJECT TO THE GREEN POWER PROVIDERS PROGRAM PARTICIPATION GUIDELINES AND EXISTING CONTRACTS AS AMENDED TO ACCOMMODATE THE CHANGED CAPACITY. PARTICIPANT ALSO UNDERSTANDS THAT ANY PROPOSED CAPACITY INCREASE MUST BE COMPLETED AND OPERATING WITHIN ONE HUNDRED EIGHTY (180) CALENDAR DAYS OF THE TVA ACCEPTANCE DATE BELOW OR ELSE THE PROPOSED ADDITIONAL SYSTEM CAPACITY SHALL BE INELIGIBLE TO PARTICIPATE IN THE PROGRAM. FURTHER, EFFECTIVE UPON DISTRIBUTOR'S AND TVA'S ACCEPTANCE OF THIS REQUEST, AS INDICATED BY THEIR SIGNATURES BELOW, THE ABOVE-REFERENCED PARTICIPATION AGREEMENT IS AMENDED SO THAT THE NEW PROPOSED NAMEPLATE CAPACITY OF THE QUALIFYING SYSTEM UNDER C) ABOVE REPLACES THE NAMEPLATE CAPACITY PROVIDED UNDER SECTION 15.1 OF THE PARTICIPATION AGREEMENT AND GENERATION CREDIT SHALL THEREAFTER BE BASED ON NEW NAMEPLATE CAPACITY IN ACCORDANCE WITH SAID PARTICIPATION AGREEMENT, AS AMENDED.

1 of 2

10.01.2012 1 OT .
REQUEST TO AMEND PARTICIPATION AGREEMENT TO MODIFY CAPACITY OF QUALIFYING SYSTEM

TO BE COMPLETED BY DISTRIBUTOR

Distributor Name		
Distributor Representative Name & Title		
**Distributor Representative Signature		
Date		
**BY SIGNING ABOVE, DISTRIBUTOR APPROVES THE PROPOSED MODIFICATION OF THE QUALIFYING SYSTEM NAMEPLATE CAPACITY (INCLUDING BUT NOT LIMITED TO MAKING INTERCONNECTION MODIFICATIONS) AND THE PROPOSED AMENDMENT TO THE PARTICIPATION AGREEMENT TO REFLECT THE MODIFIED CAPACITY UNDER THE PROGRAM IN ACCORDANCE WITH THE GREEN POWER PROVIDERS PROGRAM PARTICIPATION GUIDELINES AND EXISTING CONTRACTS AS AMENDED TO ACCOMMODATE THE CHANGED CAPACITY. DISTRIBUTOR ACKNOWLEDGES THAT IF APPROVED BY TVA, SUCH PROPOSED MODIFICATION MUST BE COMPLETED AND OPERATING WITHIN ONE HUNDRED EIGHTY (180) CALENDAR DAYS OF THE TVA ACCEPTANCE DATE BELOW OR ELSE THE PROPOSED ADDITIONAL SYSTEM CAPACITY SHALL BE INELIGIBLE TO PARTICIPATE IN THE PROGRAM. IN ADDITION, DISTRIBUTOR MUST SUBMIT A REVISED DISTRIBUTOR'S ACCEPTANCE OF QUALIFYING SYSTEM FORM (SYSTEMACCEPTANCE FORM) UPON COMPLETION OF SAID MODIFICATION.		
TO BE COMPLETED BY TVA		
APPROVED DENIED DENIED		
COMMENTS/REASONS FOR DENIAL:		
TENNESSEE VALLEY AUTHORITY		
TVA Representative Name & Title		
TVA Representative Signature		
Date		

10.01.2012 2 of 2 REQUEST TO AMEND PARTICIPATION AGREEMENT TO MODIFY CAPACITY OF QUALIFYING SYSTEM

For TVA Use On	ly:

ATTACHMENT E

REQUEST FOR NEW CONSTRUCTION PARTICIPATION IN PROGRAM

Date of request:
Prospective Customer: Residential Commercial/Industrial
Proposed location and address of Site:
Projected annual electrical usage on the Billing Meter at the Site:
Commercial or Industrial Customer Projects Only: Projected Annual Electrical Demand on the Billing Meter at the Site:
Qualifying System Generation Information:
Projected total nameplate capacity of qualifying system: **Example** **E
Projected annual energy generation from qualifying system:
Builder or Entity Request Approval Information
* Builder (PRINT NAME AND TITLE)
Builder Signature Date

*BY SIGNING ABOVE, BUILDER REQUESTS PERMISSION FOR ACCEPTANCE OF THE PROPOSED QUALIFYING SYSTEM INTO THE PROGRAM. IF APPROVED, THE PARTICIPANT MUST APPLY AND ENTER INTO A PARTICIPATION AGREEMENT WITHIN 180 CALENDAR DAYS OF THE TVA APPROVAL DATE BELOW. IF A PARTICIPATION AGREEMENT IS EXECUTED BY ALL PARTIES, THE QUALIFYING SYSTEM MUST BE FULLY OPERATIONAL AND INTERCONNECTED, AS EVIDENCED BY DISTRIBUTOR AND TVA SIGNING A SYSTEM ACCEPTANCE FORM, WITHIN 180 CALENDAR DAYS OF THE TVA EXECUTION DATE OF THE PARTICIPATION AGREEMENT. BUILDER UNDERSTANDS THAT THE QUALIFYING SYSTEM IS NOT ENTITLED TO GENERATE POWER AND PARTICIPANT IS NOT ENTITLED TO GENERATION CREDITS OR REBATES UNLESS AND UNTIL DISTRIBUTOR AND TVA EXECUTE THE SEPARATE SYSTEM ACCEPTANCE FORM.

TO BE COMPLETED BY DISTRIBUTOR

Distributor Name
Distributor Representative Name & Title
*Distributor Representative Signature & Date
*BY SIGNING ABOVE, DISTRIBUTOR APPROVES THE PROPOSED QUALIFYING SYSTEM N ACCORDANCE WITH THE GREEN POWER PROVIDERS PROGRAM PARTICIPATION GUIDELINES. DISTRIBUTOR ACKNOWLEDGES THAT IF APPROVED BY TVA, SUCH PROPOSED QUALIFYING SYSTEM IS NOT ENTITLED TO GENERATE POWER AND PARTICIPANT IS NOT ENTITLED TO GENERATION CREDITS OR REBATES UNLESS AND JNTIL DISTRIBUTOR AND TVA EXECUTE THE SEPARATE SYSTEM ACCEPTANCE FORM.
TO BE COMPLETED BY TVA
APPROVED DENIED
COMMENTS/REASONS FOR DENIAL:
TENNESSEE VALLEY AUTHORITY
TVA Representative Name & Title Date
TVA Representative Signature

For Distributor Use Only:		For TVA Use Only:	

GREEN POWER PROVIDERS PARTICIPATION AGREEMENT

THIS GREEN POWER PROVIDERS PARTICIPATION AGREEMENT	
(Participation Agreement), among,	, its
successors and authorized assigns, hereinafter called "Participant";	
, its successors and a	authorized
assigns, hereinafter called "Distributor"; and Tennessee Valley Authority, its st	uccessors
and authorized assigns, hereinafter called "TVA," bears the following recitals:	

- I. Participant is a customer of Distributor and desires to participate, on a voluntary basis, in a program entitled Green Power Providers (Program) under which TVA acquires electric energy from qualifying renewable generation systems constructed and installed at customer locations served by Distributor.
- II. Participant intends to construct, operate, and maintain a generation facility (Qualifying System) that is an eligible system under this Participation Agreement and is described below, located at Participant's address (Address) identified in Subsection 15.1 below.
- III. The parties understand that the intent of the Program is to encourage Distributor's residential customers (billed under Schedule RS or its equivalent) and Distributor's commercial and industrial customers (billed under the General Power Service or Manufacturing Service Rate Schedules or their equivalent, as defined in Distributor rate schedules) to install renewable generation. Therefore, Participant must be a residential customer with a residential building and residential billing meter at the Address of the Qualifying System, or if Participant is a commercial or industrial customer. Participant agrees that its primary commercial or industrial purpose is not electricity generation at the building with a commercial or industrial billing meter at the Address of the Qualifying System.
- IV. Participant wishes to sell to TVA and TVA wishes to purchase from Participant the power and associated energy produced from the Qualifying System, together with the environmental attributes associated with it, in accordance with the terms and conditions set forth in this Participation Agreement.

Subject to and in accordance with the Green Power Providers Program Participation Guidelines (Guidelines), attached to and made part of this Participation Agreement, the parties agree as follows:

SECTION 1 - DEFINITIONS

For purpose of this Participation Agreement (i) all terms used herein with initial capital letters are textually defined within this Participation Agreement, and (ii) all underlined terms used herein shall be deemed to mean those terms as defined in Guideline 2 of the Guidelines.

SECTION 2 - TERM AND TERMINATION

2.1 Effective Date, Delivery Commencement Date, and Term. This Participation Agreement shall be deemed effective as of the date (Effective Date) that TVA executes this Participation Agreement. The date on which Distributor accepts the Qualifying System by executing the Distributor's Acceptance of Qualifying System Form (System Acceptance Form) shall be called the Delivery Commencement Date. If the Distributor does not accept the Qualifying System by fully executing and submitting the System Acceptance Form within one hundred eighty (180) Calendar Days of TVA's execution of this Participation Agreement under Subsection 17.3 below (Deadline), this Participation Agreement shall automatically terminate.

Unless sooner terminated as provided in this Participation Agreement, this Participation Agreement shall remain in effect for twenty (20) years from the Effective Date.

- 2.2 **Termination**. This Participation Agreement may be terminated by:
 - (a) Participant, at any time, upon thirty (30) <u>Calendar Days</u>' written notice to Distributor:
 - (b) Mutual agreement of all of the parties in writing at any time; or
 - (c) TVA or Distributor, at any time upon written notice by TVA or Distributor to Participant, if TVA or Distributor has determined that any of the following conditions has occurred:
 - After the Delivery Commencement Date, there has been a sustained lack of generation (less than an average of 10 kWh per month) from the Qualifying System for a period of six (6) consecutive months or more;
 - The Qualifying System or its interconnection or safety equipment violate any applicable local, state, or federal codes or pose a safety hazard as determined by the Distributor or TVA;
 - iii. The interconnection or safety equipment ceases to comply with the requirements of Section 4 below;
 - The Qualifying System includes generation from a non-Qualifying Resource (defined below) and/or ceases to meet the participation conditions outlined in this Participation Agreement or the Guidelines;
 - v. Generation from the Qualifying System is used by Participant to provide credits for electric consumption at a location other than the Address herein;
 - vi. Distributor ceases to be a customer of TVA;
 - vii. Participant ceases to be a customer of Distributor at <u>Site</u>, unless this Participation Agreement is assigned to a new owner of <u>Site</u> as provided for under Section 8 below;
 - viii. Participant does not comply with or breaches the terms of this Participation Agreement, including without limitation, providing false or inaccurate information in violation of Section 17.1 below or refusing Distributor or TVA access to the Qualifying System;
 - ix. Participant increases the nameplate capacity of the Qualifying System without permission from Distributor or TVA, in violation of Section 3 below; or
 - x. Any unauthorized transfer, assignment, or delegation in violation of Section 8 below.

SECTION 3 - QUALIFYING SYSTEMS - MAXIMUM CAPACITY

For the term of this Participation Agreement, the total nameplate capacity of a Qualifying System(s) at the <u>Site</u> shall be less than or equal to 50 kW direct current (DC) (50 kW alternating current (AC) if the system is a synchronous generator and does not require an inverter). However, if the proposed total nameplate capacity of the Qualifying System at the Site:

- (i) exceeds 10 kW, Distributor shall review the kWh energy consumption at the Site (Site Power Usage Review) during the past twelve (12) months, as recorded monthly by the single associated Billing Meter at the Site, and the maximum total nameplate capacity (Maximum Capacity) of the Qualifying System under this Participation Agreement shall be the lesser of (a) 50 kW and (b) the kW capacity that is designed to generate no more than 100% of the historical annual usage in kWh at the Site, as recorded by the associated Billing Meter at the Site.
- (ii) is 10 kW or less, no Site Power Usage Review shall be required.

Furthermore, Participant must be able to demonstrate, on an ongoing basis, that the Qualifying System generates electricity from one of the resources (Qualifying Resources) included as eligible per Guideline 4 as such Guideline existed at the time this Participation Agreement was executed. If Participant intends to increase or decrease the nameplate capacity of its Qualifying System, Participant shall complete Attachment D (Request to Amend Participation Agreement to Modify Capacity of Qualifying System) and forward it, along with any requested supporting documents, to Distributor and TVA for review and potential approval and execution. In addition, any intended increase of the nameplate capacity of the Qualifying System, so that the total (existing and new) capacity amounts to more than 10 kW, must be in accordance with Subsection 3(i). Any unauthorized increase of the Qualifying System's total nameplate capacity may result in termination of this Participation Agreement.

SECTION 4 - PARTICIPATION ELIGIBILITY

Participant's eligibility for participation in the Program is based upon Participant meeting the following criteria:

- (a) If Participant is a residential customer, the Participant must have a residential building at the <u>Site</u> of the Qualifying System. If Participant is a commercial or industrial customer of Distributor, the primary commercial or industrial purpose at the Site shall not be electricity generation; and
- (b) Participant must submit the design of its proposed Qualifying System, along with an interconnection application, including the proposed equipment specifications, in advance of submitting a signed Participation Agreement, to Distributor for review; and
- (c) The Qualifying System:
 - must not have previously generated renewable energy for sale to TVA prior to October 1, 2012, unless the Qualifying System was part of the Generation Partners pilot;

- ii. must meet the requirements of the Green-e Energy National Standard as provided by the Center for Resource Solutions, or any successor entity;
- iii. must meet the requirements of the type of Qualifying System outlined in Guideline 4;
- iv. must have a minimum nameplate capacity equal to or greater than 0.50 kW:
- w. must comply with all requirements established by the Distributor for interconnecting a Qualifying System to its distribution system, including without limitation signing Distributor's Interconnection Agreement and paying Distributor for any interconnection studies and other associated costs. Furthermore, the Qualifying System (including all interconnection-related equipment) must have been tested and listed by a Nationally Recognized Testing Laboratory for continuous interactive operation with an electric distribution system in compliance with IEEE 1547 (Standard for Interconnecting Distributed Resources with Electric Power Systems), IEEE 1547.2 (Standard Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems), and UL 1741 (Inverters, Converters, and Controllers for use in Independent Power Systems) prior to Distributor signing the System Acceptance Form;
- vi. must be properly designed, constructed, and installed, and the installer and manufacturer shall provide evidence of the testing and compliance with the applicable requirements prior to Distributor signing the System Acceptance Form. All Qualifying Systems shall be maintained and tested on an ongoing basis in accordance with manufacturer's instructions and Distributor and TVA shall have the right to obtain copies of the test results; and
- vii. must be manufactured (if a packaged system) and installed in compliance with all requirements of the latest edition of the National Electric Code (American National Standards Institute/National Fire Protection Association-70) prior to Distributor signing the System Acceptance Form; and
- (d) All installations must be permitted as required by law, be certified by a licensed electrician, and pass any applicable code inspections prior to Distributor signing the System Acceptance Form; and
- (e) For safe operation, the Qualifying System and its associated facilities must have a manual, lockable, visible load break AC disconnect switch with such switch easily accessible by Distributor prior to Distributor signing the System Acceptance Form; and
- (f) The construction and installation of the Qualifying System must be completed, in compliance with the <u>Interconnection Agreement</u> requirements and the terms and conditions of this Participation Agreement, by the Deadline. If these terms and conditions are not met before the Deadline, Participant may not reapply for participation in the Program within the period of one hundred eighty (180) Calendar

Days from the date of TVA's execution of the Participation Agreement in accordance with the then-current applicable Guidelines; and

- (g) The annual Program participation limit as established in Guideline 12 of the Guidelines must not have been reached at the time TVA is asked to review and execute this Participation Agreement. Once a Distributor and a Participant have signed a Participation Agreement and presented it to TVA for review and possible execution, TVA shall be under no obligation to execute said Participation Agreement once the MW limit for that year has been reached, notwithstanding any actions taken and expenses incurred to date by the Participant; and
- (h) No generation credits shall be due to Participant for any generation above the total nameplate Maximum Capacity.

SECTION 5 - BILLING AND PAYMENTS

Distributor shall choose one of the two options provided for under Subsections 5.1 and 5.2 below, and credits and incentives shall be credited or paid to each Participant accordingly. Each Participant shall be paid the then-current applicable <u>Premium Rate</u> as was stated in Guideline 8 of Guidelines as it was in effect on the date of TVA's execution of the Participation Agreement.

5.1 <u>Distributor Billing Option</u>. Under this option, Distributor shall administer any Generation Credits due to Participant under this Subsection 5.1 using Site's power consumption (recorded on the single associated Billing Meter) and Site's power generation (recorded on the associated Generation Meter), and provide to Participant any Generation Credits due effective with the billing period when the Qualifying System commences generation into Distributor's electric system, and for each billing period thereafter during the term of this Participation Agreement, Distributor shall include the following in its determination of Participant's power bill: Distributor shall (a) apply all charges and credits for power and energy to the kW and kWh energy consumed by Participant at the Site and any other charges and credits determined in accordance with the applicable retail rate schedule, as appropriate, and (b) credit Participant with Generation Credit for the eligible renewable energy (kWh) delivered to Distributor's system. Said Generation Credit shall be calculated by applying the retail rate schedule (residential or deemed to be GSA1 for all commercial and industrial customers) and the applicable Premium Rate, as determined by Guideline 8 of the Guidelines, to the kWh energy generated by the Qualifying System at the Site.

If the <u>Generation Credit</u> exceeds the sum of all charges and other credits on Participant's power bill resulting in Participant being owed money for the billing period, Distributor may elect to carry over any such payment due to Participant as an additional credit on Participant's power bill for the following billing period, and may continue to do so for a total of twelve (12) consecutive billing periods. If at the end of this cumulative period the value of Participant's <u>Generation Credits</u> exceeds the net sum of all charges and other credits for such cumulative period, Distributor shall pay Participant for the balance due.

The Distributor's periodic power bill to Participant shall include calculations of the amounts owed, if any, to Participant with specific reference to the applicable retail rate schedule and Premium Rate.

- 5.2 TVA-Vendor Billing Option. Under this option, Distributor and Vendor shall administer any payments due to Participant.
 - (a) Effective with the billing period when the Qualifying System commences generation into Distributor's electric system, and for each billing period thereafter during the term of this Participation Agreement, Distributor shall include the following in its determination of Participant's power bill: Distributor shall (a) apply all charges and credits for power and energy to the kW and kWh energy consumed by Participant at the Site and any other charges and credits determined in accordance with the applicable retail rate schedule, as appropriate, and (b) credit Participant with Generation Credit for the eligible renewable energy (kWh) delivered to Distributor's system. Said Generation Credit shall be calculated by applying the retail energy retail rate schedule (residential or deemed to be GSA1 for all commercial and industrial customers) to the kWh energy generated by the Qualifying System at the Site. Distributor's bill to the Participant shall include calculations of the amounts owed to Participant with specific reference to the applicable retail energy rate schedule.
 - (b) Based upon generation data of the Qualifying System provided by Distributor to TVA, TVA shall cause Vendor to deliver to Participant, as soon as reasonably practical, but no later than ten (10) Business Days following the end of each calendar month, a statement, check, or other approved payment notification showing energy delivered from the Qualifying System during the previous month(s) and a computation of the payment due to Participant. Such payment shall be calculated by applying the applicable Premium Rate, as determined by Guideline 8 of the Guidelines, to the kWh energy measured on the Generation Meter. In the event that generation information of a Qualifying System is not promptly provided due to such events as meter malfunction or communications failure, the time period in which Distributor delivers said data to TVA and Vendor may be extended as appropriate. Payments due, if any, by Vendor to Participant under this Subsection 5.2 are due within thirty (30) Calendar Days from the date of the statement.

Vendor's statement to the Participant shall include calculations of the amounts owed to Participant with specific reference to the applicable Premium Rate.

5.3 Incentive. Depending on Distributor's selection of Distributor Billing Option or TVA-Vendor Billing Option, Distributor or Vendor shall provide a one-time \$1,000 incentive payment to Participant. Said one-time incentive payment shall be paid per Qualifying System per Site. Further, the one-time incentive payment shall be made after the Participant's completion and Distributor's and TVA's approval and execution of the System Acceptance Form and after the Qualifying System has successfully completed the commissioning requirements.

SECTION 6 - INTERCONNECTION

Participant shall be responsible for the design, purchase, construction, installation. commissioning, ownership, operation, and maintenance (Work) of the Qualifying System and all auxiliary and interconnecting equipment, or cause the owner of Qualifying System (Qualifying System Owner) to do the Work, in accordance with the terms of the Interconnection Agreement.

GREEN POWER PROVIDERS PARTICIPATION AGREEMENT

Distributor shall not approve or execute any Participation Agreement(s) until Participant has paid all Program and/or interconnection application fees. Further, TVA shall have no obligation to purchase the electric power generated by the Qualifying System unless and until the Participant is in compliance with the approved interconnection and safety requirements and all other requirements under this Participation Agreement for the Qualifying System.

SECTION 7 - METERING

Distributor shall purchase, install, own, operate, and maintain the <u>Generation Meter</u>. Any repairs or replacements of the <u>Generation Meter</u> shall also be provided by Distributor, or its representative. Further, the metering arrangement configuration for measuring the energy output of the Qualifying System shall be determined by Distributor. If said configuration requires replacement of the <u>Billing Meter</u> by a bi-directional meter, Distributor, at no cost to Participant, shall purchase, install, own, operate, and maintain said bi-directional meter. Any future replacement of the <u>Billing Meter</u> or said bi-directional meter shall be provided by Distributor at Participant's expense.

If the interconnection of the Qualifying System and installation of either the <u>Generation Meter</u> or <u>Billing Meter</u> requires additional costs in excess of Program reimbursements, the associated net costs shall be at the Participant's expense. This includes additional grid infrastructure requirements (e.g. transformers) that may be needed to accompany the construction and installation of the Qualifying System.

Upon termination of this Participation Agreement, Distributor and Participant shall cooperate in removing the <u>Generation Meter</u> from the <u>Site</u>. Distributor, at its expense, shall remove the <u>Generation Meter</u> from the <u>Site</u>, and Participant shall cooperate with Distributor, or its representative, for the purpose of such removal.

SECTION 8 - TRANSFER AND ASSIGNMENT

- (a) No party shall voluntarily transfer, assign, or delegate this Participation Agreement or any of the party's rights or duties hereunder without the prior written consent of the other parties, and such consent shall not to be unreasonably withheld. Further, any unauthorized assignment may result in termination of this Participation Agreement as provided in Subsection 2.2 above.
- (b) If Participant (Participant/Transferor) intends to transfer ownership of the <u>Site</u> to a new owner (New Participant/Transferee), Participant/Transferor shall notify Distributor by completing Attachment C (Request to Amend Participation Agreement by Changing Participant and/or Qualifying System Owner). Once signed by the Participant/Transferor and the New Participant/Transferee, Attachment C shall be submitted to Distributor at least thirty (30) <u>Calendar Days</u> prior to the requested effective date of such assignment. Upon approval, Distributor and TVA will execute the attachment and return copies of the fully executed attachment to the Participant/Transferor and the New Participant/Transferee for their records. By signing Attachment C, the New Participant/Transferee affirms its understanding of and concurs with the terms and conditions of this Participation Agreement.

- (c) If Participant is a tenant of the <u>Site</u> and its tenancy is terminated, Participant may assign this Participation Agreement to a new tenant (New Participant/Transferee) by notifying Distributor and completing Attachment C. Once signed by Participant/Transferor and the New Participant/Transferee, Attachment C shall be submitted to Distributor at least thirty (30) <u>Calendar Days</u> prior to the requested effective date of such assignment. Upon approval, Distributor and TVA will execute the attachment and return copies of the fully executed attachment to the Participant/Transferor and the New Participant/Transferee for their records. By signing Attachment C, the New Participant/Transferee affirms its understanding of and concurs with the terms and conditions of this Participation Agreement.
- (d) If Participant is not the Qualifying System Owner and the Qualifying System Owner (Qualifying System Owner/Transferor) intends to transfer ownership to a new owner (New Qualifying System Owner/Transferee), Participant shall notify Distributor of said intent by completing Attachment C. Once Attachment C is executed by Participant, Qualifying System Owner/Transferor, and the New Qualifying System Owner/Transferee, Attachment C shall be submitted to Distributor at least thirty (30) <u>Calendar Days</u> prior to the effective date of such assignment. Upon approval, Distributor and TVA will execute the attachment and return copies of the fully executed attachment to the Participant, Qualifying System Owner/Transferor, and the New Qualifying System Owner/Transferee for their records. By signing Attachment C, the New Qualifying System Owner/Transferee affirms its responsibilities under the Participation Agreement.
- (e) Upon Participant's death or incapacity, if Participant's estate executor, conservator, attorney in fact, or court ordered agent (herein collectively Agent) wishes to continue with the terms and conditions of this Participation Agreement and Guidelines, Agent shall complete Attachment C and forward it to Distributor and TVA for review and potential approval and execution; otherwise, the Participation Agreement shall be terminated in accordance with Subsection 2.2, and any eligible <u>Applicant</u> including the new owner of <u>Site</u> must reapply for Program participation in accordance with the then-current applicable Guidelines.
- (f) Each time an assignment of this Participation Agreement or ownership transfer of the Qualifying System is intended by Participant/Transferor or Qualifying System Owner/Transferor, as provided in Subsections 9(b), 9(c), and 9(d) above, Participant/Transferor shall execute, and cause as appropriate, the New Participant/Transferee or the New Qualifying System Owner/Transferee to execute Attachment C. Attachment C shall be forwarded to Distributor, along with supporting documentation and the assignment fee for Distributor's cost of processing said assignment, if any.
- (g) If ownership of the <u>Site</u> is transferred (or Participant's tenancy of the <u>Site</u> is terminated) and Participant and/or Qualifying System Owner elect to relocate the Qualifying System to a different location, this Participation Agreement shall be terminated upon thirty (30) <u>Calendar Days</u>' written notice to the Distributor, as outlined in Subsection 2.2(b) above.
- (h) If Participant/Transferor is no longer a customer of Distributor at the <u>Billing Meter</u> of the <u>Site</u> of the Qualifying System and Participant/Transferor falls to sign Attachment C, Participant/Transferor specifically gives TVA and Distributor the

right to assign this Participation Agreement to the new owner of <u>Site</u> or tenant who is a customer of <u>Distributor</u> at the <u>Billing Meter</u> of the <u>Site</u> of the Qualifying System. If Participant/Transferor and Qualifying System Owner/Transferor do not notify TVA and the <u>Distributor</u> of transfer of ownership of the Qualifying System, the Participant/Transferor and Qualifying System Owner/Transferor specifically give TVA and the <u>Distributor</u> the right to assign this Participation Agreement to the New Qualifying System Owner/Transferoe and to change the name and address of the Qualifying System Owner/Transferor to that of the New Qualifying System Owner/Transferor to that of the New Qualifying System Owner/Transferor documentation of change of ownership.

SECTION 9 - ENVIRONMENTAL CREDITS

TVA shall have the sole right and title to any renewable energy credits (including tradable renewable credits or green tags), or other associated benefits or environmental attributes of energy generated from the renewable nature of the Qualifying System (without regard to whether any governmental authority or other organization has registered, certified, or otherwise taken action to recognize said credits, tags, benefits, or attributes), that have accrued or are arising or accruing now and in the future as a result of the generation of electricity from the Qualifying System (Environmental Credits) beginning on the Effective Date and continuing throughout the term of this Participation Agreement. At no cost to TVA or Distributor, Participant shall cooperate with TVA and Distributor in taking whatever action is necessary and reasonable to establish or obtain such Environmental Credits, as may be required now or in the future by applicable law, and transfer them to Distributor, who shall in turn transfer all such Environmental Credits to TVA.

For the term of this Participation Agreement, the Participant and Owner of Qualifying System cannot make claims or statements about using renewable electricity, cutting back on greenhouse gas (GHG) emissions from electricity through the use of renewable electricity, or receiving any other environmental benefits of renewable energy use constitute the claiming of a renewable energy credit (REC). Participant and Owner of Qualifying System understand that if claims of using renewable electricity or any of the environmental attributes within a REC, those claims would violate the terms of this Participation Agreement, since TVA, through this Participation Agreement, is purchasing one hundred percent (100%) of the RECs generated by the renewable energy installation and selling the RECs through its Green Power Switch program. If Participant and Owner of Qualifying System wish to make such claims, they must purchase the equivalent RECs through the Green Power Switch program or other product.

SECTION 10 - INDEMNIFICATION AND RELEASE

Participant and the Qualifying System Owner shall release, indemnify, defend, and save harmless the Distributor, TVA, the United States of America, and their respective officers, agents, employees, and contractors from all liability, ciaims, demands, causes of action, costs, or losses for personal injuries, property damage, special damages, consequential damages, indirect damages, or loss of life or property sustained by Participant and/or the Qualifying System Owner, their agents, contractors, and families, or third parties arising out of or in any way connected with the Green Power Providers program including, without limitation, the design, purchase, construction, installation,

ownership, testing, commissioning, operation, maintenance, repair, replacement, removal, defect, or failure of the Qualifying System under this Participation Agreement and Participant's and the Qualifying System Owner's interconnection and safety equipment. The obligations of this Section 10 shall survive termination of this Participation Agreement.

SECTION 11 - FORCE MAJEURE EVENT

- (a) A Force Majeure Event shall mean any act of God or the public enemy, fires, epidemics, quarantines, strikes, freight embargoes or delays in transportation, priorities or other acts or orders of governmental authority, or unforeseeable severe weather or floods, or any causes, whether or not of the same class or kind of those specifically above named, that are in each case (i) beyond the reasonable control of such affected party, (ii) by the exercise of reasonable foresight such party could not reasonably have been expected to avoid, and (iii) by the exercise of due diligence, such party shall be unable to prevent or overcome.
- (b) If a Force Majeure Event prevents Participant from fulfilling any of its obligations under this Participation Agreement, Participant shall promptly in writing notify Distributor, or its authorized representatives, of the existence of the Force Majeure Event. The notification must specify in reasonable detail the circumstances of the Force Majeure Event, the expected duration, and the steps that Participant is taking to alleviate the effects of the event on its performance, and, if the initial notification is verbal, it shall be promptly followed up with a written notification. Participant shall keep Distributor informed in writing on a continuing basis of developments relating to the Force Majeure Event until the event ends. Participant shall be entitled to suspend or modify its performance of obligations under this Participation Agreement only to the extent that the effect of the Force Majeure Event, as determined in TVA's sole discretion, cannot be reasonably mitigated. In the event of such suspension or modification, TVA shall determine, in its sole discretion, when the Force Majeure Event has ended.

SECTION 12 - ACCESS

Distributor and TVA shall have access to the Site:

- (a) at reasonable hours, and upon reasonable notice, to inspect the Qualifying System's protective apparatus and to read, maintain, or test meters, or for any reasonable purpose in connection with this Participation Agreement or Distributor's obligation to provide service to its customers; and
- (b) at any time without notice to Participant, in order to disconnect the Qualifying System from the Distributor's distribution system, in the event Distributor reasonably believes a hazardous condition exists and such immediate action is necessary to protect persons, Distributor's facilities, or property of others from damage or interference caused by Participant's facilities or lack of properly operating protective devices.

SECTION 13 - DISCLOSURE

Participant understands that Distributor or TVA may publish or disclose to others information obtained from the Program but will not release, without the prior consent of

Participant, information that could personally identify Participant except to employees, contractors, or agents of Distributor and TVA, or when disclosure is required by law.

SECTION 14 - THIRD PARTY BENEFICIARIES

This Participation Agreement is solely for the benefit of Participant, Distributor, and TVA and shall not be construed as creating any duty, standard of care, or any liability to any person not a party to this Participation Agreement.

SECTION 15 - PARTICIPANT AND QUALIFYING SYSTEM INFORMATION

15.1 Participant's and Qualifying System's Type Information (This information must be fully completed by the Participant.)

•	The Qualifying Sy	stem shall be located	at the following Add	ress*:
	City:	State:	Zip Co	ode:
	Participant Electri	c Service Account Nu	mber:	· · · · · · · · · · · · · · · · · · ·
•	Participant Type:	□ Residential	□ Commercial or	Industrial
Qualifying System Type and Nameplate Capacity: (Please check below.)				
☐ Solar Photovoltaic (PV) ☐ Wind ☐** Low-Impact Hydro ☐ Biomass If Biomass, please specify the fuel type:				
Total Nameplate Capacity of Qualifying System:kW DC (kW AC for biomass or synchronous generators)				
* Note: the Address must match the local power company's billing system physical address. ** Hydro generation must be located in the Cumberland River watershed or in the Mississippi River, and the Participant must provide documentation that it meets any applicable requirements of the Federal Energy Regulatory Commission (FERC). Hydro generation could be located in the Tennessee River watershed only if TVA were to issue a Section 26a permit.				

15.2 Contract Administration and Notices. Notices given under this Participation Agreement shall be deemed to have been duly delivered if hand delivered or sent by United States certified mail, return receipt requested, postage prepaid, to: Participant: Distributor: TVA: Manager, End Use Generation, Renewable Energy Programs 26 Century Boulevard, OCP 2J Nashville, Tennessee 37214 The above-listed names and addresses of any party for notices may be changed by written notification to the other parties to this Participation Agreement as directed above. If Participant would like to assign this Participation Agreement to another person, Participant must complete Attachment C and submit it to Distributor and TVA for review, In accordance with Section 8 above. **SECTION 16 - QUALIFYING SYSTEM OWNERSHIP** Participant shall indicate below the ownership of the Qualifying System by completing, or causing the Qualifying System Owner to complete, the following: Check one: ☐ Participant is the owner of the Qualifying System and shall sign below at the bottom of this Section 16. ☐ Participant is not the owner of the Qualifying System at the Address and shall have the Qualifying System Owner sign below: I am the owner of the Qualifying System that is installed at the Address. I have had the Program explained to me, and I specifically agree to Sections 8(h) (Transfer and Assignment) and 10 (Indemnification and Release) above. Accordingly, I give my permission for Distributor and TVA to review the interconnection of the Qualifying System at the Address. I give my permission to use of the Qualifying System in the Program as provided herein. I will cooperate with the parties participating in the Program as set out in this Participation Agreement. I have the authority to sign below. Name of Qualifying System Owner

GREEN POWER PROVIDERS PARTICIPATION AGREEMENT

Qualifying System Owner Signature

Date

SECTION 17 - SIGNATURES

17.1 Participant's Signature

By its signature below, Participant acknowledges that it has read and understands this Participation Agreement and agrees to comply with all of the terms and conditions set forth herein.

If Participant is the Qualifying System Owner, Participant gives permission for Distributor and TVA to review the interconnection of the Qualifying System at the Address. Participant understands that the Qualifying System is not entitled to generate power and Participant is not entitled to Generation Credits or rebates unless and until Distributor and TVA execute this Participation Agreement and the System Acceptance Form.

Participant hereby warrants and certifies that all information submitted in this Participation Agreement is accurate and the Participant has the authority to enter into this Participation Agreement. In making this warranty and certification, Participant acknowledges that Participant is aware that Section 21 of the Tennessee Valley Authority Act of 1933, as amended, (16 U.S.C. § 831t) provides criminal sanctions including fines and imprisonment for any person who is convicted of, among other things, defrauding TVA.

Specifically, Participant understands that Participant is bound by the then-current Guidelines in effect at the time TVA executes this Participation Agreement, and the Guidelines in effect at the time TVA executes this Participation Agreement can be different than what the Participant has reviewed. Participant is responsible for reading, understanding, and adhering to the then-current Guidelines in effect at the time TVA executes this Participation Agreement.

Participant accepted and agreed to the foregone, 20	oing this day of
Participant Name	
Participant's Authorized Officer Name & Title (please complete only if Participant is a commercial or industrial customer)	
Participant or Participant's Authorized Representative Signature	

17.2 <u>Distributor's Signature</u>

Distributor's signature below indicates that it has read and understands this Participation Agreement and agrees to be bound by all of the terms and conditions set forth herein. In particular, Distributor indicates that the Qualifying System's design and the Participant information provided under Section 15.1 above have met the initial Program and interconnection design requirements, but that Distributor shall not allow the Qualifying System's power to flow onto its electric distribution or transmission system unless and until Distributor and TVA execute the System Acceptance Form with respect to the completed construction.
Accepted and agreed to the foregoing this day of, 20
Distributor Name
(Distributor Representative Name & Title)
Distributor Representative Signature
7.3 TVA's Signature
APPROVED DENIED
COMMENTS/REASONS FOR DENIAL:
Accepted and agreed to the foregoing this day of, 20
TENNESSEE VALLEY AUTHORITY
(TVA Representative Name & Title)
TVA Representative Signature

For Distributor Use Only:		For TVA Use Only:	
	i		

GREEN POWER PROVIDERS DISTRIBUTOR FACILITY PARTICIPATION AGREEMENT

THIS GREEN POWER PROVIDERS DISTRIBUTOR FACILITY
PARTICIPATION AGREEMENT (Participation Agreement), between
, its successors and assigns, hereinafter
called "Distributor," and Tennessee Valley Authority, its successors and assigns,
hereinafter called "TVA," bears the following recitals:

- I. Distributor and TVA are cooperating in a program entitled Green Power Providers (Program) under which TVA acquires electric energy from qualifying renewable generation systems constructed and installed at locations served by Distributor.
- II. Distributor intends to construct, own, operate, and maintain a generation facility (Qualifying System) that is an eligible system under this Participation Agreement and is described below, located at Distributor's facility (Account) address (Address) identified in Subsection 15.1 below.
- III. The parties understand that the intent of the Program is to encourage Distributor's residential customers (billed under Schedule RS or its equivalent) and Distributor's commercial and industrial customers (billed under the General Power Service or Manufacturing Service Rate Schedules or their equivalent, as defined in Distributor rate schedules) to install renewable generation, and that Distributor, for and on behalf of its own Account, is also eligible to participate in the Program in accordance with this Participation Agreement. Distributor agrees that Account's primary commercial or industrial purpose is not electricity generation at the Address of the Qualifying System.
- IV. Distributor wishes to sell to TVA and TVA wishes to purchase from Distributor's Account the power and associated energy produced from the Qualifying System, together with the environmental attributes associated with it, in accordance with the terms and conditions set forth in this Participation Agreement.

Subject to and in accordance with the Green Power Providers Program Participation Guidelines (Guidelines), attached to and made part of this Participation Agreement, the parties agree as follows:

SECTION 1 - DEFINITIONS

For purpose of this Participation Agreement (i) all terms used herein with initial capital letters are textually defined within this Participation Agreement, and (ii) all underlined terms used herein shall be deemed to mean those terms as defined in Guideline 2 of the Guidelines.

SECTION 2 - TERM AND TERMINATION

2.1 Effective Date and Term. This Participation Agreement shall be deemed effective as of the date (Effective Date) that TVA executes this Participation Agreement. The date on which Distributor accepts the Qualifying System by executing the Distributor's Acceptance of Qualifying System Form (System Acceptance Form) shall be called the Delivery Commencement Date. If the Distributor does not accept the Qualifying System by fully executing and submitting the System Acceptance Form within one hundred eighty (180) Calendar Days of TVA's execution of this Participation Agreement under Subsection 17.3 below (Deadline), this Participation Agreement shall automatically terminate.

Unless sooner terminated as provided in this Participation Agreement, this Participation Agreement shall remain in effect for twenty (20) years from the Effective Date.

- 2.2 <u>Termination</u>. This Participation Agreement may be terminated by:
 - (a) The mutual agreement of the parties in writing at any time; or
 - (b) TVA at any time upon written notice to Distributor that it has determined that any of the following conditions have occurred:
 - i. After the Delivery Commencement Date, there has been a sustained lack of generation (less than an average of 10 kWh per month) from the Qualifying System for a period of six (6) consecutive months or more;
 - ii. The Qualifying System or its interconnection or safety equipment violate any applicable local, state, or federal codes or pose a safety hazard as determined by TVA;
 - The interconnection or safety equipment ceases to comply with the requirements of Section 4 below;
 - iv. The Qualifying System includes generation from a non-Qualifying Resource (defined below) and/or ceases to meet the participation conditions outlined in this Participation Agreement or the Guidelines;
 - Generation from the Qualifying System is used by the Account to provide credits for electric consumption at a location other than the Address herein;
 - vi. Distributor ceases to be a customer of TVA:
 - vii. Account ceases to be owned or operated by Distributor at <u>Site</u>, unless this Participation Agreement is assigned to a new owner of <u>Site</u> as provided for under Section 8 below;
 - viii. Distributor does not comply with or breaches the terms of this Participation Agreement;
 - ix. Distributor increases the nameplate capacity of the Qualifying System without permission from TVA, in violation of Section 3 below; or
 - x. Any unauthorized transfer, assignment, or delegation in violation of Section 8 below.

SECTION 3 - QUALIFYING SYSTEMS - MAXIMUM CAPACITY

For the term of this Participation Agreement, the total nameplate capacity of a Qualifying System(s) at the <u>Site</u> shall be less than or equal to 50 kW direct current (DC) (50 kW alternating current (AC) if the system is a synchronous generator and does not require an

inverter). However, if the proposed total nameplate capacity of the Qualifying System at the <u>Site</u>:

- (a) exceeds 10 kW, Distributor shall review the kWh energy consumption at the Site (Site Power Usage Review) during the past twelve (12) months, as recorded monthly by the single associated <u>Billing Meter</u> at the <u>Site</u>, and the maximum total nameplate capacity (Maximum Capacity) of the Qualifying System under this Participation Agreement shall be the lesser of (a) 50 kW and (b) the kW capacity that is designed to generate no more than 100% of the customer's historical annual usage in kWh, as recorded by the associated Billing Meter at the Site.
- (b) is 10 kW or less, no Site Power Usage Review shall be required.

Furthermore, Distributor must be able to demonstrate, on an ongoing basis, that the Account's Qualifying System generates electricity from one of the resources (Qualifying Resources) included as eligible per Guideline 4 as such Guideline existed at the time this Participation Agreement was executed. If Distributor intends to increase or decrease the nameplate capacity of the Account's Qualifying System, Distributor shall complete Attachment D (Request to Amend Participation Agreement to Modify Capacity of Qualifying System) and forward it, along with any requested supporting documents, to TVA for review and potential approval and execution. In addition, any intended increase of the nameplate capacity of the Qualifying System, so that the total (existing and new) capacity amounts to more than 10 kW, must be in accordance with Subsection 3(a). Any unauthorized increase of the Qualifying System's capacity may result in termination of this Participation Agreement.

Should the Qualifying System cease to meet the participation conditions outlined in this Participation Agreement and the Guidelines, TVA, in its sole discretion, may terminate this Participation Agreement upon thirty (30) <u>Calendar Days</u>' prior written notice.

SECTION 4 - PARTICIPATION ELIGIBILITY

Distributor's Account eligibility for participation in the Program is based upon Account meeting the following criteria:

- (a) Distributor's primary commercial purpose at the commercial building at the Address shall not be electricity generation at the <u>Site</u>; and
- (b) Participant must submit the design of its proposed Qualifying System, along with an interconnection application, including the proposed equipment specifications in advance of submitting a signed Participation Agreement, to Distributor for review; ; and

(c) The Qualifying System:

- must not have previously generated renewable energy for sale to TVA prior to October 1, 2012, unless the Qualifying System was part of the Generation Partners pilot;
- must meet the requirements of the Green-e Energy National Standard as provided by the Center for Resource Solutions, or any successor entity;
- iii. must meet the requirements of the type of Qualifying System outlined in Guideline 4;
- iv. must have a minimum nameplate capacity equal to or greater than 0.50 kW:
- v. must comply with all requirements established by the Distributor for interconnecting a Qualifying System to its distribution system, including without limitation signing Distributor's <u>Interconnection Agreement</u> and paying Distributor for any interconnection studies and other associated costs. Furthermore, The Qualifying System (including all interconnection-related equipment) must have been tested and listed by a Nationally Recognized Testing Laboratory for continuous interactive operation with an electric distribution system in compliance with IEEE 1547 (Standard for Interconnecting Distributed Resources with Electric Power Systems), IEEE 1547.2 (Standard Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems), and UL 1741 (Inverters, Converters, and Controllers for use in Independent Power Systems) prior to Distributor signing the System Acceptance Form.
- vi. must be properly designed, constructed, and installed and installer and manufacturer shall provide evidence of the testing and compliance with the applicable requirements prior to Distributor signing the System Acceptance Form. All Qualifying Systems shall be maintained and tested on an ongoing basis in accordance with manufacturer's instructions and TVA shall have the right to obtain copies of the test results; and
- vii. must be manufactured (if a packaged system) and installed in compliance with all requirements of the latest edition of the National Electric Code (American National Standards Institute/National Fire Protection Association-70) prior to Distributor signing the System Acceptance Form; and
- (d) All installations must be permitted as required by law, be certified by a licensed electrician, and pass any applicable code inspections prior to Distributor signing the System Acceptance Form; and
- (e) For safe operation, the Qualifying System and its associated facilities shall include a manual, lockable, visible load break AC disconnect switch with such switch easily accessible by Distributor; and

- (f) The construction and installation of the Qualifying System must be completed, in compliance with the Interconnection Agreement requirements and the ferms and conditions of this Participation Agreement by Deadline. If these terms and conditions are not met on or before the Deadline, Distributor may not reapply for its Account's participation in the Program within the period of one hundred eighty (180) <u>Calendar Days</u> from the date of TVA's execution of the Participation Agreement in accordance with the then-current applicable Guidelines; and
- (g) The annual Program participation limit as established in Guideline 12 of the Guidelines must not have been reached at the time TVA is asked to review and execute this Participation Agreement. Once Distributor has signed the
 Participation Agreement and presented it to TVA for review and possible execution, TVA shall be under no obligation to execute said Participation Agreement once the MW limit for that year has been reached, notwithstanding any actions taken and expenses incurred to date by Distributor for its Account's participation in the Program; and
- (h) No Generation Credits shall be due to Distributor's Account for any generation above the total nameplate Maximum Capacity.

SECTION 5 - BILLING AND PAYMENTS

Distributor shall choose one of the two options provided for under Subsections 5.1 and 5.2 below, and credits and incentives shall be credited or paid to its Account accordingly. Account shall be paid the then-current applicable Premium Rate as was stated in Guideline 8 of Guidelines as it was in effect on the date of TVA's execution of the Participation Agreement.

5.1 Distributor Billing Option. Under this option, Distributor will administer any Generation Credits due to Account under this Subsection 5.1 using Site's power consumption (recorded on the single associated Billing Meter) and Site's power generation (recorded on the associated Generation Meter), and provide to Account any Generation Credits due effective with the billing period when the Qualifying System commences generation into Distributor's electric system, and for each billing period thereafter during the term of this Participation Agreement, Distributor shall include the following in its determination of Account's power bill: Distributor shall (a) apply all charges and credits for power and energy to the kW and kWh energy consumed by Account at the Site and any other charges and credits determined in accordance with the applicable retail rate schedule, as appropriate, and (b) credit Account with a Generation Credit for the eligible renewable energy (kWh) delivered to Distributor's system. Said Generation Credit shall be calculated by applying the retail rate schedule (deemed to be GSA1 for all commercial and industrial customers) and the applicable Premium Rate, as determined by Guideline 8 of the Guidelines, to the kWh energy generated by the Qualifying System at the Site.

If the <u>Generation Credit</u> exceeds the sum of all charges and other credits on Account's power bill resulting in Account being owed money for the billing period, Distributor may elect to carry over any such payment due to Account as an additional credit on Account's power bill for the following billing period, and may continue to do so for a total of twelve (12) consecutive billing periods. If at the end of this cumulative period the value of Account's <u>Generation Credit</u> exceeds the net sum of all charges and other

credits for such cumulative period, Distributor shall issue payment to Account for the balance due.

Distributor's periodic power bill to Account shall include calculations of the amounts owed, if any, to Account with specific reference to the applicable retail rate schedule and Premium Rate.

- **5.2 TVA-Vendor Billing Option.** Under this option, Distributor and a TVA designated third-party vendor (Vendor) shall administer any payments due to Account.
 - (a) Effective with the billing period when the Qualifying System commences generation into Distributor's electric system, and for each billing period thereafter during the term of this Participation Agreement, Distributor shall include the following in its determination of Account's power bill: Distributor shall (a) apply all charges and credits for power and energy to the kW and kWh energy consumed by Account at the <u>Site</u> and any other charges and credits determined in accordance with the applicable retail rate schedule, as appropriate, and (b) credit Account with a <u>Generation Credit</u> for the eligible renewable energy (kWh) delivered to Distributor's system. Said <u>Generation Credit</u> shall be calculated by applying the retail energy schedule (deemed to be GSA1 for all commercial and industrial customers) to the kWh energy generated by the Qualifying System at the <u>Site</u>. Distributor's bill to the Account shall include calculations of the amounts owed to Account with specific reference to the applicable retail energy rate schedule.
 - (b) Based upon generation data of the Qualifying System provided by Distributor to TVA, TVA shall cause Vendor to deliver to Account, as soon as reasonably practical, but no later than ten (10) <u>Business Days</u> following the end of each calendar month, a statement, check, or other approved payment notification showing energy delivered from the Qualifying System during the previous month(s) and a computation of the payment due to Account. Such payment shall be calculated by applying the applicable <u>Premium Rate</u> to the kWh energy measured on the <u>Generation Meter</u>. In the event that generation information of a Qualifying System is not promptly provided due to such events as meter malfunction or communications failure, the time period in which Distributor delivers said data to TVA and Vendor may be extended as appropriate. Payments due, if any, by Vendor under this Subsection 5.2 are due within thirty (30) Calendar Days from the date of the statement.

Vendor's statement to the Account shall include calculations of the amounts owed to Account with specific reference to the applicable Premium Rate.

5.3 Incentive. Depending on Distributor's selection of Distributor Billing Option or TVA-Vendor Billing Option, Distributor or Vendor shall provide a one-time \$1,000 incentive payment to Account. Said one time incentive payment shall be paid per Qualifying System per Site. Further, the one-time incentive payment shall be made after the Distributor's completion and Distributor's and TVA's approval of the System Acceptance Form and after the Qualifying System has successfully completed the commissioning requirements.

SECTION 6 - INTERCONNECTION

Distributor shall be responsible for the design, purchase, construction, installation, commissioning, ownership, operation, and maintenance (Work) of the Qualifying System and all auxiliary and interconnecting equipment, or cause the owner of Qualifying System (Qualifying System Owner) to do the Work, in accordance with the terms of the Interconnection Agreement.

TVA shall have no obligation to purchase the electric power generated by the Qualifying System unless and until the Distributor is in compliance with the approved interconnection and safety requirements and all other requirements under this Participation Agreement for the Qualifying System.

SECTION 7 - METERING

Distributor shall purchase, install, own, operate, and maintain the <u>Generation Meter</u>. Any repairs or replacements of the <u>Generation Meter</u> shall also be provided by Distributor, or its representative. Further, the metering arrangement configuration for measuring the energy output of the Qualifying System shall be determined by Distributor. If said configuration requires replacement of the <u>Billing Meter</u> by a bi-directional meter, Distributor shall purchase, install, own, operate, and maintain said bi-directional meter. Any future replacement of the <u>Billing Meter</u> or said bi-directional meter shall be provided by Distributor at its expense.

If the interconnection of the Qualifying System and installation of either the <u>Generation Meter</u> or <u>Billing Meter</u> requires additional costs in excess of program reimbursements, the associated net costs shall be at the Distributor's expense. This includes additional grid infrastructure requirements (e.g. transformers) that may be needed to accompany the construction and installation of the Qualifying System.

SECTION 8 - TRANSFER AND ASSIGNMENT

- (a) Neither party shall voluntarily transfer, assign, or delegate this Participation Agreement or any of its rights or duties hereunder without the prior written consent of the other party. Such consent shall not to be unreasonably withheld. Further, any unauthorized assignment may result in termination of this Participation Agreement as provided in Subsection 2.2 above.
- (b) If Distributor (Distributor/Transferor) intends to transfer ownership of the <u>Site</u> to a new owner (New Participant/Transferee), Distributor/Transferor shall notify TVA of its intent by completing and submitting Attachment C (Request to Amend Participation Agreement by Changing Participant and/or Qualifying System Owner), which shall include the New Participant's/Transferee's signature, to TVA at least thirty (30) <u>Calendar Days</u> prior to the requested effective date of such assignment. Upon approval, TVA will execute the attachment and return copies of the fully executed attachment to the Distributor/Transferor and the New Participant/Transferee for their records. By signing Attachment C, the New Participant/Transferee affirms its understanding of and concurs with the terms and conditions of this Participation Agreement.

- (c) If Distributor is a tenant of the <u>Site</u> and its tenancy is terminated, Distributor may assign this Participation Agreement to a new tenant (New Participant/Transferee) by notifying TVA and completing Attachment C. Once signed by Distributor/Transferor and New Participant/Transferee, Attachment C shall be submitted to TVA at least thirty (30) <u>Calendar Days</u> prior to the requested effective date of such assignment. Upon approval, TVA will execute the attachment and return copies of the fully executed attachment to Distributor/Transferor and New Participant/Transferee for their records. By signing Attachment C, the New Participant/Transferee affirms its understanding of and concurs with the terms and conditions of this Participation Agreement.
- (d) If Distributor is not the owner of the Qualifying System and the Qualifying System Owner (Qualifying System Owner/Transferor) intends to transfer ownership to a new owner (New Qualifying System Owner/Transferee), Distributor shall notify TVA of said intent and complete Attachment C. Once signed by Distributor, the Qualifying System Owner/Transferor, and the New Qualifying System Owner/Transferee, Attachment C shall be submitted to TVA at least thirty (30) Calendar Days' prior to the requested effective date of such assignment. Upon approval, Distributor and TVA will execute the attachment and return copies of the fully executed attachment to the Qualifying System Owner/Transferor and the New Qualifying System Owner/Transferoe for their records. By signing Attachment C, the New Qualifying System Owner/Transferoe affirms its responsibilities under the Participation Agreement.
- (e) Any unauthorized assignment may result in termination of this Participation Agreement.
- (f) Each time an assignment of this Participation Agreement, or ownership transfer of the Qualifying System, is intended by Distributor/Transferor or Qualifying System Owner/Transferor, as provided in Subsections 9(b), 9(c), and 9(d) above, Distributor/Transferor shall execute on Account's behalf, and cause the New Participant/Transferee or the New Qualifying System Owner/Transferee, as appropriate, to execute Attachment C. The partially executed Attachment C shall be then forwarded to TVA for review and potential approval and execution.
- (g) If ownership of the <u>Site</u> is transferred (or Distributor's tenancy of the <u>Site</u> is terminated) and Distributor and/or Qualifying System Owner elect to relocate the Qualifying System to a different location, this Participation Agreement shall be terminated upon thirty (30) <u>Calendar Days</u> written notice to the Distributor and TVA, as outlined in Subsection 2.2(b) above.

SECTION 9 - ENVIRONMENTAL CREDITS

TVA shall have the sole right and title to any renewable energy credits (including tradable renewable credits or green tags), or other associated benefits or environmental attributes of energy generated from the renewable nature of the Qualifying System (without regard to whether any governmental authority or other organization has registered, certified, or otherwise taken action to recognize said credits, tags, benefits, or attributes), that have accrued or are arising or accruing now and in the future as a result of the generation of electricity from the Qualifying System (Environmental Credits) beginning on the Effective Date and continuing throughout the term of this Participation

Agreement. At no cost to TVA, Distributor shall cooperate with TVA in taking whatever action is necessary and reasonable to establish or obtain such Environmental Credits, as may be required now or in the future by applicable law, and transfer them to TVA.

For the term of this Participation Agreement, Distributor and Owner of Qualifying System cannot make claims or statements about using renewable electricity, cutting back on greenhouse gas (GHG) emissions from electricity through the use of renewable electricity, or receiving any other environmental benefits of renewable energy use constitute the claiming of a renewable energy credit (REC). Distributor and Owner of Qualifying System understand that if claims of using renewable electricity or any of the environmental attributes within a REC, those claims would violate the terms of this Participation Agreement, since TVA, through this Participation Agreement, is purchasing one hundred percent (100%) of the RECs generated by the renewable energy installation and selling the RECs through its Green Power Switch program. If Distributor and Owner of Qualifying System wish to make such claims, they must purchase the equivalent RECs through the Green Power Switch program or other product.

SECTION 10 - INDEMNIFICATION AND LIABILITY

Distributor and Qualifying System Owner, if any, shall release, indemnify, defend, and save harmless TVA, the United States of America, and their respective officers, agents, employees, and contractors from all liability, claims, demands, causes of action, costs, or losses for personal injuries, property damage, special damages, consequential damages, indirect damages, or loss of life or property sustained by Distributor and/or the Qualifying System Owner, their agents, contractors, and families, or third parties arising out of or in any way connected with the Green Power Providers program including, without limitation, the design, purchase, construction, installation, ownership, testing, commissioning, operation, maintenance, repair, replacement, removal, defect, or failure of the Qualifying System under this Participation Agreement and Distributor's and Qualifying System Owner's interconnection and safety equipment. The obligations of this Section 10 shall survive termination of this Participation Agreement.

SECTION 11 - FORCE MAJEURE EVENT

- (a) A Force Majeure Event shall mean any act of God or the public enemy, fires, epidemics, quarantines, strikes, freight embargoes or delays in transportation, priorities or other acts or orders of governmental authority, or unforeseeable severe weather or floods, or any causes, whether or not of the same class or kind of those specifically above named, that are in each case (i) beyond the reasonable control of such affected party, (ii) by the exercise of reasonable foresight such party could not reasonably have been expected to avoid, and (iii) by the exercise of due diligence, such party shall be unable to prevent or overcome.
- (b) If a Force Majeure Event prevents Distributor from fulfilling any of its obligations at the <u>Site</u> under this Participation Agreement, Distributor shall promptly in writing notify TVA, or its authorized representatives, of the existence of the Force Majeure Event. The notification must specify in reasonable detail the circumstances of the Force Majeure Event, the expected duration, and the steps that Distributor is taking to alleviate the effects of the event on its performance, and, if the initial notification is verbal, it shall be promptly followed up with a written notification. Distributor shall keep TVA informed in writing on a continuing basis of developments relating to the

(c) Force Majeure Event until the event ends. Distributor shall be entitled to suspend or modify its performance of obligations under this Participation Agreement only to the extent that the effect of the Force Majeure Event, as determined in TVA's sole discretion, cannot be reasonably mitigated. In the event of such suspension or modification, TVA shall determine, in its sole discretion, when the Force Majeure Event has ended.

SECTION 12 - ACCESS

TVA shall have access to the <u>Site</u> and/or Address at reasonable hours, and upon reasonable notice, to inspect the Qualifying System's protective apparatus and to read, maintain, or test meters, or for any reasonable purpose in connection with this Participation Agreement.

SECTION 13 - DISCLOSURE

Distributor understands that TVA may publish or disclose to others information obtained from the Program but will not release, without the prior consent of Distributor, information that could personally identify Distributor except to employees, contractors, or agents of TVA, or when disclosure is required by law.

SECTION 14 - THIRD PARTY BENEFICIARIES

This Participation Agreement is solely for the benefit of Distributor and TVA and shall not be construed as creating any duty, standard of care, or any liability to any person not a party to this Participation Agreement.

SECTION 15 - ACCOUNT AND QUALIFYING SYSTEM INFORMATION

15.1 <u>Account's and Qualifying System's Type Information</u> (This information must be fully completed by the Distributor.)

	Citv:	State:		Zip Code:
•				
	Participant Type:	☐ Residential	□ Co	mmercial or Industrial
	• Qualifying System T	ype and Namepla	ite Capacit	iỵ; (Please check below.)
	□ Solar Photovoltaic (PV) □ Wind □	** Low-Imp	pact Hydro ☐ Biomass
	If Biomass, p	lease specify the	fuel type:	
	Total Nameplate 0 (kW AC for biomas)	Capacity of Qualify ss or synchronous	/ing Syster s generato	m: kW [rs)
	*Note the Address mu physical address.	st match the local	power co	mpany's billing system
	the Mississippi River, meets any applicable	and the Participar requirements of the Hydro generation	nt must pro he Federal n could be	located in the Tennessee
reem	ontract Administration ent shall be deemed to States certified mail, ret	have been duly d	elivered if	en under this Participation hand delivered or sent by ge prepaid, to:
<u>Di</u>	stributor:		TVA:	
*******		- Picture Control Cont	Manager,	End Use Generation,
		way on the second secon		le Energy Programs
*******				N Boulevard, OCP 2J
			Nigehvilla	Tennessee 37214

notification to the other party to this Participation Agreement as directed above.

If Distributor would like to assign this Participation Agreement from Account to another person, Distributor must complete Attachment C and submit it to TVA for review, in accordance with Section 8 above.

SECTION 16 - QUALIFYING SYSTEM OWNERSHIP

Distributor shall indicate below the ownership of the Qualifying System by completing, or causing the Qualifying System Owner to complete, the following:		
Check one:		
☐ Distributor is the owner of the Qualifying System and shall sign below at the bottom of this Section 16.		
☐ Distributor is not the owner of the Qualifying System at the Address and shall have the Qualifying System Owner sign below:		
I am the owner of the Qualifying System that is installed at the Address. I have had the Program explained to me, and I specifically agree to Sections 8(h) (Transfer and Assignment) and 10 (Indemnification and Release) above. Accordingly, I give my permission for Distributor and TVA to review the interconnection of the Qualifying System at the Address. I give my permission to use of the Qualifying System in the Program as provided herein. I will cooperate with the parties participating in the Program as set out in this Participation Agreement. I have the authority to sign below.		
Name of Qualifying System Owner		
Qualifying System Owner Signature and Date		

SECTION 17 - SIGNATURES

* 5 N 5 3

17.1 <u>Distributor's Signature</u>

By its signature below, Distributor acknowledges that it has read and understands this Participation Agreement and agrees to be bound by all of the terms and conditions set forth herein.				
If Distributor is the Qualifying System Owner, Distributor gives his permission for TVA to review the interconnection of the Qualifying System at the Address. Distributor understands that the Qualifying System is not entitled to generate power and Distributor is not entitled to Generation Credits or rebates unless and until Distributor and TVA execute the System Acceptance Form.				
The Qualifying System's design and Account information provided under Subsection 15.1 above have met the initial Program and interconnection requirements.				
Specifically, Distributor understands that Distributor is bound by the then-current Guidelines in effect at the time TVA executes this Participation Agreement, and the Guidelines in effect at the time TVA executes this Participation Agreement can be different than what the Distributor has reviewed. Distributor is responsible for reading, understanding, and adhering to the then-current Guidelines in effect at the time TVA executes this Participation Agreement.				
Accepted and agreed to the foregoing this day of, 20				
DISTRIBUTOR NAME				
(Distributor Representative Name & Title)				
Distributor Representative Signature				

17.2 TVA's Signature

APPROVED []	DENIED [
COMMENTS/REASONS FOR DENIAL:			
Accepted and agreed to the foregoing this day of, 20			
TENNESSEE VALLEY AUTHORITY			
(TVA Representative Name & Title)			
TVA Representative Signature			

DISTRIBUTOR'S ACCEPTANCE OF QUALIFYING SYSTEM FORM (SYSTEM ACCEPTANCE FORM)

After Participant completes the project and Distributor accepts the project and submits the Distributor's Acceptance of Qualifying System Form, TVA will review and may approve the form. If there are deficiencies in the submitted form, TVA may withhold approval and require Distributor to correct the deficiencies and resubmit the corrected form prior to approval.

Section 1 - Participant Information

Participant Name*:			
Participation Agreement			
Street Address of Qualify			Zip Code:
Customer Type:	Residential	☐ Commercial or Indus	trial
specified above and the	Street Address of	ount holder for the Billing F Qualifying System must Meter associated with the	be the same address
Section 2 - Qualifying	System Informat	<u>ion</u>	
Total Nameplate Capaci inverter based systems) Total Project Investment			OC (AC for biomass or non
Section 3 - Contractor	Installer Informa	ation	
Company Name: Company Address: City:	Sta	te: Zip C	ode:
North American (for solar PV and	Board of Certified wind projects):	l Energy Practitioners (NA	ABCEP) Certification Level
NABCEP Certific	cate Number:		
Section 4 - Generation	Meter Informati	on (to be completed by D	istributor)
Generation Meter Type: Metering Connection:		ral (required for > 10 kW) n 1 (supply-side)	☐ Non-interval ☐ Option 2 (load-side)
		4 - 4 0	

Complete below for all interval meters (does not apply to non-interval meters):				
Interval Meter Option: TVA-Vendor Meter Option Distributor Meter Option Complete for Non-Vendor Option Only - Remote Communications Type: Cellular Ethernet Land/Phone Line Other: Please specify				
Note that the Distributor Customer Meter Setup (DCMS) or other approved TVA metering form must be completed and submitted to TVA Customer Service prior to signing this form.				
Section 5 - Distributor's Acceptance of Qualifying System				
The Qualifying System has met the requirements for interconnection to the Distributor's system and is in compliance with the standards and terms of the Participation Agreement and the currently effective edition of TVA's Green Power Providers Program Participation Guidelines. As of the date outlined below, the Qualifying System has been commissioned at its total nameplate kW capacity outlined in Section 2 above and is fully operational and properly interconnected to the Distributor's electric distribution or transmission system.				
Distributor Acceptance Date:				
Distributor Name:				
Name and Title of Distributor Representative:				
Signature of Distributor Representative:				
Distributor is required to send a copy of this document within ten business days of the acceptance date to the Green Power Switch inbox (preferred) at greenpowerswitch@tva.gov or to fax it to 615-232-6828				
Section 6 - TVA's Approval/Denial of System Acceptance Form (to be completed by TVA)				
APPROVED DENIED DENIED				
COMMENTS/REASONS FOR DENIAL:				
Date Received by TVA: Date Approved by TVA:				
Name and Title of TVA Representative:				
Signature of TVA Representative:				

GREEN POWER PROVIDERS PROGRAM PARTICIPATION GUIDELINES

(Effective October 1, 2012)

GUIDELINE 1 - PROGRAM PURPOSE AND DESCRIPTION

The purpose of the Green Power Providers program (Program) is to continue to increase the renewable energy supply in the Tennessee Valley region. In addition, the Program aims to align with the green power demand and participation levels in TVA's Green Power Switch program, while also stimulating economic growth and serving as a customer-focused solution to grid integration of small scale clean and renewable energy systems.

Distributors of TVA power (Distributors) that have entered into a Green Power Providers Agreement with TVA have the opportunity to offer the Program to their customers. These customers (Applicants) can apply for participation in the Program by completing the Green Power Providers Participation Agreement, and Distributors (in such circumstances also herein referred to as Applicants) can apply for participation as generators under the Green Power Providers Distributor Facility Participation Agreement (both agreements herein referred to as Participation Agreement), and submitting it to Distributor and TVA for review and potential approval and execution. All Applicants must be the same person(s) or entity designated on the customer's power billing account that is associated with the single associated Billing Meter at the Address of Site (defined below). Each Applicant will be given the status of "Participant" upon full execution of a Participation Agreement by all parties, provided such Applicant qualifies for and meets, at the time TVA executes the Participation Agreement, the then-current participation requirements. In order to retain its status as a Participant, each Applicant must install its generating system (Qualifying System) in accordance with the Participation Agreement and this Green Power Providers Program Participation Guidelines document (Guidelines) and, once TVA has executed the Participation Agreement, the Qualifying System must be fully interconnected, and operational within one hundred eighty (180) Calendar Days of TVA's execution of the Participation Agreement, as indicated on Distributor's Acceptance of Qualifying System form (System Acceptance Form), and Applicant shall comply with the terms of the Participation Agreement.

GUIDELINE 2 - DEFINITION OF TERMS

As used in these Guidelines:

- 2.1 "Applicant" shall mean any potentially eligible residential, commercial, or industrial end-use customer served by Distributor (or a Distributor itself on its own behalf) that elects to participate in the Program by (i) submitting an interconnection request to Distributor, and upon Distributor's approval, entering into an interconnection agreement with Distributor, and (ii) submitting a completed copy of the Participation Agreement for TVA's and Distributor's review and potential approval and execution.
- 2.2 "Billing Meter" shall mean a retail billing meter located at the <u>Site</u> where the <u>Participant</u>'s facility or dwelling is located. The <u>Billing Meter</u> must be fully operational and measure the billing demand and/or the energy consumed at the <u>Site</u>.

- 2.3 "Business Days" shall mean all days except Saturdays and Sundays and the weekdays that are observed by TVA as Federal holiday (Federal holidays currently include New Year's Day, Martin Luther King's Birthday, Presidents' Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day).
- 2.4 "Calendar Days" shall mean all days in a month, including weekends and holidays.
- 2.5 "<u>Delivery Commencement Date</u>" shall mean the date on which the Distributor has executed the System Acceptance Form.
- 2.6 "Generation Credit" shall mean the accrued generation credits due to Participant, which shall be calculated by applying the sum of the energy charge in the applicable retail rate schedule (residential (RS) or deemed to be GSA1 for all commercial and industrial customers) and the applicable Premium Rate to the kWh energy measured on the Generation Meter.
- 2.7 "Generation Meter" shall mean a meter additional to the Billing Meter at the Site that is installed by Distributor and designed to measure the alternating current (AC) energy output from the Qualifying System at the Site. Generation Meter shall mean either an Interval Generation Meter or a Non-Interval Generation Meter, or both.
- 2.8 "Interconnection Agreement" means the agreement executed by Applicant and Distributor to provide for the interconnection of the Qualifying System to Distributor's distribution system.
- 2.10 "Interval Generation Meter" shall be a solid-state type meter of high quality for billing purposes that records at least clock hour (hour interval) data and measures the energy output (kWh) from the Qualifying System at the Site; provided, however; it is recognized that fifteen (15) minute interval data is preferred. It is further expressly recognized that the Participant's applicable retail rate schedule may require a shorter interval.
- 2.11 "Non-Interval Generation Meter" shall be a solid-state type meter of high quality for billing purposes that measures the energy output (kWh) from the Qualifying System at the Site but which does not meet the definition of Interval Generation Meter.
- 2.12 "Premium Rate" shall have the meaning set forth in Guideline 8.
- 2.13 "Site" shall mean <u>Participant</u>'s residential, commercial, or industrial real estate and associated personal property to which the Qualifying System is connected, the address of which is identified under the <u>Participant</u>'s power billing account. In addition, the <u>Site</u> must meet all of the following requirements:
 - (a) The property must receive its retail electricity distribution services from Distributor at the location of the Qualifying System,
 - (b) The Qualifying System must be located on the same premises of Participant where the Participant's own electrical load is located,

- (c) Maximum of 50 kW per contiguous property per Participant, subject to Guideline 3 below, and
- (d) Maximum of 50 kW per associated <u>Billing Meter</u> account at the <u>Site</u>, subject to Guideline 3 below.

In addition, the <u>Site</u> shall meet the requirements set forth in the Participation Agreement and these Guidelines.

GUIDELINE 3 - CUSTOMER ELIGIBILITY AND LOAD REQUIREMENTS

3.1 Existing Distributor Customers

- (a) Existing Distributor customers must have at least twelve (12) months of historical annual energy usage (kWh) data from the <u>Site</u>.
- (b) The primary purpose of the <u>Applicant</u>'s residential, commercial, or industrial facility cannot be energy generation.
- (c) Qualifying Systems with a generation nameplate capacity of up to 10 kW (DC for inverter-based systems, AC for non-inverter-based systems) are not subject to any load or energy usage requirements. However, if the nameplate capacity of the Qualifying Systems is greater than 10 kW (DC for inverter-based systems, AC for non-inverter-based systems), the system will be subject to <u>Site</u> energy usage requirements. In this case the Qualifying System's nameplate capacity is limited to the lesser of (i) 50 kW or (ii) the kW capacity that is designed to generate annually no more than 100% of the <u>Site</u>'s historical annual usage in kWh, as recorded by the associated <u>Billing Meter</u> at the <u>Site</u>.

3.2 New Distributor Customers/New Construction

Provided Distributor agrees to offer the Program to its prospective eligible customers or "new construction" market and subject to the Program's terms and conditions, the following shall apply:

- (a) For prospective new and existing customers without twelve (12) full months of historical usage, either the builder (for new construction) or existing customer (for customers without twelve (12) full months of historical electrical usage at the Site) must submit acceptable and reasonable annual electrical usage projections for its residential or commercial/industrial facility.
- (b) For new construction projects, the builder(s) (Builder) must complete and submit the "Request for Program Participation Eligibility of New Construction" (New Construction Request Form or Attachment E) to its Distributor for acceptance of its potential Qualifying System(s) into the Program. It is expressly recognized and understood that it is at Distributor's and TVA's discretion to approve or reject any submitted Attachment E.

- (c) The Builder may receive a Program letter of intent (LOI) from Distributor, and TVA, which guarantees the Builder's Qualifying System acceptance into the Program against the annual capacity limit, provided that the Qualifying System is fully operational and interconnected (as identified on the System Acceptance Form) within 360 <u>Calendar Days</u> from the date of the LOI and provided that (i) Distributor approves and allows for acceptance of new construction projects in the Program, (ii) the Qualifying System meets the eligibility requirements for the Program, and (iii) there is available capacity (MW) for the Program in the given year.
- (d) The LOI is deemed valid as long as an official Participation Agreement is fully executed between the Participant, Owner of Qualifying System (if different than the Participant), Distributor, and TVA within one hundred eighty (180) Calendar Days from the date of the LOI. Upon completion of a fully executed Participation Agreement, the Participant/Applicant must satisfy all of the requirements of the Participation Agreement and the Guidelines, including having the Qualifying System interconnected and fully operational within the one hundred eighty (180) Calendar Days period after TVA's execution of the Participation Agreement. The total project completion period (LOI and Participation Agreement) is 360 Calendar Days. The Participant will receive the Premium Rate associated with the calendar year in which the Participation Agreement is executed by TVA.
- (e) For existing customers without twelve (12) full months of electrical usage history, <u>Applicant</u> must provide Distributor with its projected annual usage (kWh), in addition to the proposed nameplate capacity of the Qualifying System.
- (f) Proposed Qualifying Systems with a proposed nameplate capacity of up to 10 kW (DC for inverter based systems, AC for non inverter based systems) are not subject to any load or energy usage requirements. However, if the proposed nameplate capacity of the <u>Qualifying System</u> is greater than 10 kW (DC for inverter based systems, AC for non inverter based systems), the system will be subject to projected <u>Site</u> energy usage requirements. In this case the <u>Qualifying System's proposed nameplate capacity</u> is limited to the to the lesser of (i) 50 kW or (ii) the kW capacity that is designed to generate annually no more than 100% of the <u>Applicant's/Participant's projected annual usage in kWh, as recorded by the associated <u>Billing Meter</u> at the <u>Site</u>.</u>

As provided in this Guidelines 3.2, the annual generation (kWh) projections from the Qualifying System must be provided to Distributor by an <u>Applicant</u>, or by an existing Participant with a nameplate capacity of 10 kW or less and who wishes to increase its Qualifying System's nameplate capacity to be above 10 kW. This <u>Applicant</u> or Participant must submit a professional estimate for expected generation, if available, which shall be reviewed and approved by Distributor and TVA. The following default

annual capacity factors (%) shall be used to determine the maximum nameplate capacity (kW) of any new or expanding Qualifying System.

- Solar PV 15%
- Wind 15%
- Low-Impact Hydropower 50%
- Biomass 70%

Example: A small commercial business' projected annual usage is 30,000 kWh on a single billing meter and it wishes to install a solar PV project in the Program. The maximum nameplate capacity for this business would be 23 kW DC since it would likely generate no more than 100% of the customer's annual usage on the single billing meter.

Solar PV Generation Example Default Calculation:

23 kW X 8,760 hours X 15% Annual Capacity Factor = 30,222 kWh (round maximum kW to the nearest whole number)

Additionally TVA will post a helpful calculator or links to websites that may assist customers in making this calculation.

GUIDELINE 4 - ELIGIBLE RENEWABLE TECHNOLOGIES

Participant must be able to demonstrate, on an ongoing basis, that the Qualifying System generates electricity from one of the resources (Qualifying Resources) included below:

- (a) Solar Photovoltaic (PV): poly-crystalline panels or thin film cells using fixed or single/dual axis tracking systems, which can be ground- or structure-mounted.
- (b) Wind: turbines in conventional sizes for commercial-scale generation.
- (c) Low-Impact Hydropower from new generation capacity on a non-impoundment or new generation capacity on an existing impoundment. Such generation must be located in the Cumberland River watershed or in the Mississippi River. Hydro generation could be located in the Tennessee River watershed only if TVA were to issue a permit under section 26a of the TVA Act. Additionally, such generation must meet one or more of the following conditions: (1) the hydropower facility is certified by the Low Impact Hydropower Institute, or (2) the facility is a run-of-the river hydropower facility with a total rated nameplate capacity equal to 50 kW or less (multiple turbines will not be counted separately and shall not amount to more than the nameplate capacity); or (3) the hydropower facility consists of a turbine in a pipeline or a turbine in an irrigation canal. Furthermore, such generation must also meet any applicable FERC requirements.
- (d) Biomass: solid, liquid, or gaseous form of renewable biomass that is produced from the following fuels in a manner that complies with Applicable Law: 1) All wood waste including "black liquor" from pulp and paper processing, mill residues, industrial waste wood, and waste wood from woodworking or wood processing, so long as the wood is not chemically treated or coated; 2) All

agricultural crops or waste; 3) All animal and other organic waste; 4) All energy crops; and 5) Landfill gas and wastewater methane.

- · Biomass resources excluded from eligibility include:
 - (1) wood that has been coated with paints, plastics, or Formica;
 - (2) wood that has been treated for preservation with materials containing halogens (such as chlorine or other halide compounds) or arsenic (such as CCA or chromated copper arsenate);

2 - 1 - 3 A

- (3) municipal solid waste; and
- (4) biodiesel.

GUIDELINE 5 - PROGRAM RESTRICTIONS

No Qualifying System may be installed on billboards, light poles, cable/communication/internet boxes, recreational vehicles, or mobile facilities.

GUIDELINE 6 - PROCESS AND PROCEDURES

- (a) Distributor customer consults with Distributor about participation in the Program.
- (b) Distributor customer applies for Program participation by submitting to Distributor (i) an interconnection request, including any interconnection request fees, (ii) a completed Participation Agreement, and (iii) a program application fee (not to exceed \$500), thereby becoming an <u>Applicant</u>.
- (c) Participant purchases the Qualifying System and installs it so that it is fully operational within one hundred eighty (180) <u>Calendar Days</u> of the date of TVA's execution of the Participation Agreement.
- (d) After the installation of the Qualifying System is completed and Distributor has submitted System Acceptance Form, Participant will receive a one-time \$1,000 rebate incentive from either TVA or Distributor, depending on what billing option the Distributor has selected for the Participant.
- (e) Participant's Qualifying System begins generation and Participant receives monthly credits for the renewable generation in accordance with the Participation Agreement.

GUIDELINE 7 - PROGRAM INCENTIVES

Eligible participants will receive the following:

- (a) One-time \$1,000 rebate incentive after the Qualifying System is installed, completed, interconnected, commissioned, and begins energy generation (the Delivery Commencement Date).
- (b) Monthly Generation Credits.

Note that the <u>Premium Rate</u> is dependent upon the date and calendar year that the Participation Agreement is executed by TVA for participation in the Program. Further, the <u>Premium Rate</u> shall apply only to the first ten (10) years from <u>Delivery</u>

<u>Commencement Date</u> and no <u>Premium Rate</u> shall be paid for the remaining term of the Participation Agreement.

GUIDELINE 8 - PREMIUM RATE

The <u>Premium Rate</u> to be applied in the calculation of a Participant's monthly <u>Generation Credits</u> will vary based on the renewable technology, and the date and calendar year on which TVA executes the Participation Agreement. For the 2012 calendar year, the following <u>Premium Rate</u> is applicable to Participation Agreements executed and dated by TVA on or prior to December 31, 2012. [Note, however, that the Qualifying System(s) must be completed, installed, and generating at full capacity within 180 <u>Calendar Days</u> from the date TVA executes the Participation Agreement, in order to receive said Premium Rate].

Solar	\$0.12
Wind, Biomass, and Hydro	\$0.03

TVA will endeavor to approve and execute any completed and acceptable Participation Agreements that Distributor and Participant have already executed within twenty (20) <u>Business Days</u> from the date said Participation Agreements are received by TVA. TVA will endeavor also to return any incomplete or otherwise unacceptable Participation Agreements within the same timeframe.

In order to provide a sustainable, steady, and transparent path for small scale renewable generation as well as to align power purchases with Green Power Switch demand, the following projected Premium Rate schedule for the next year will be reviewed and published annually and will be provided as updates to these Guidelines.

Solar	\$0.09
Wind, Biomass, and Hydro	\$0.03

The 2013 <u>Premium Rates</u> stated above are not final but represent the current projected <u>Premium Rates</u>. TVA will review the Program and incentives annually and will endeavor to publish a revised Guidelines document online at Program's website (http://www.tva.com/renewable/index.htm) two (2) months prior to changing the <u>Premium Rate</u> and incentives. TVA reserves the right to change the current projected <u>Premium Rates</u> for Participation Agreements that are entered into in future years, and <u>Applicants</u> and Participants assume the risk of TVA establishing differing <u>Premium Rates</u> for future years when TVA revises these Guidelines. Such changes will not affect fully executed Participation Agreements.

Example: a solar project is installed and completed by an eligible Participant in accordance with the terms and conditions of the Participation Agreement and its attached Guidelines document. The Participation Agreement for such solar system was executed by all parties and the date TVA executed the Participation Agreement was January 25, 2013. According to the projected 2013 Premium Rates above, the Participant would receive a premium of \$0.09/kWh for the first ten years from the Delivery Commencement Date, and there would be no effective premium for

years 11 – 20. TVA will pay the applicable retail rates only (Residential (RS) or GSA1) for energy generated in the subsequent ten year term of the Participation Agreement. All environmental attributes (RECs) are purchased by TVA for the term of the Participation Agreement. Note that the <u>Premium Rates</u> as well as other Program attributes will be reviewed and evaluated on an annual basis, and future Program parameters, including <u>Premium Rates</u> may differ from the projections above.

GUIDELINE 9 - BILLING AND INCENTIVE DISTRIBUTION

Each Distributor is required to elect either the Distributor Billing Option or TVA-Vendor Billing Option, as defined in the Participation Agreement, and <u>Generation Credits</u> and incentives will be credited or paid to each Participant accordingly.

Under the Distributor Billing Option, the Distributor issues the total <u>Generation Credit</u> to the Participant's monthly electric power bill. In addition, the Distributor provides the one-time \$1,000 rebate incentive to the Participant after the Delivery Commencement Date.

Under the TVA-Vendor Direct Billing Option, Participants receive a portion (retail rate portion only) of their monthly <u>Generation Credit</u> from their Distributor via the monthly electric power bill. The <u>Premium Rate</u> portion of the <u>Generation Credit</u> will be issued, on a monthly basis, to the Participant through a TVA-designated third-party vendor. The TVA-designated third-party vendor will also issue the one-time \$1,000 rebate incentive to the Participant after system commissioning.

GUIDELINE 10 - INSTALLERS

Beginning January 1, 2013, solar photovoltaic and wind installations must be completed by installers who have completed and passed the North American Board of Certified Energy Practitioners (NABCEP) entry-level installer examination. For proof of eligibility and upon request by the Distributor, qualified installers must submit either a copy of their Achievement Award or NABCEP Certification. Installers must submit either a copy of their Achievement Award or NABCEP Certification Number to the Distributor as part of the initial application for Interconnection submittal. A list of NABCEP installers is posted at www.nabcep.org.

GUIDELINE 11 - QUALIFYING SYSTEM EXPANSION

Any capacity upgrades or additions to an existing Qualifying System's approved nameplate capacity are subject to TVA's and Distributor's approval. Participant must complete Attachment D (Request to Amend Participation Agreement to Modify Capacity of Qualifying System form) and submit it to the Distributor and TVA for review and obtain the approval of both Distributor and TVA prior to making any modifications to the system. Capacity expansions will be subject to available program capacity in the given year. Additionally, any requested increases or additions in nameplate capacity, if approved, must be completed and the entire modified Qualifying System must be fully operational and interconnected within one hundred eighty (180) Calendar Days of acceptance and approval of the modification by TVA, as indicated by the date of TVA's execution of Attachment D. Additionally, the Participant is responsible for any associated expenses incurred due to said capacity expansion(s), such as Site inspections, reviews, and processing.

GUIDELINE 12 - ANNUAL PROGRAM PARTICIPATION LIMITS

TVA will conduct an annual Program evaluation and will set annual MW limits that provide sustainable growth of renewable capacity in alignment with the Green Power Switch program participation and demand, as well as TVA's Integrated Resource Plan.

Participation Agreements will be reviewed and enter a queue for allocation of available Program capacity on a first-come, first-serve basis, as determined by the date Participation Agreements are received and deemed complete by TVA for potential approval and execution.

TVA will publish the progress towards the annual MW limit on the Program's website (http://www.tva.com/renewable/index.htm). If and when the MW limit for any given year is reached, TVA will publish on the Program's website such news as soon as it becomes available and stop accepting Participation Agreements in that given year. TVA will announce and notify the public via the Program's website when eligible capacity becomes available in that same year, and may start accepting new Participation Agreements.

The initial MW limit is set to be 10.0 MW of nameplate capacity for Participation Agreements approved, executed, and dated by TVA in calendar year 2013. To ensure diverse and equitable participation in the Program, Qualifying Systems up to 10 kW are deemed "Fast Track" projects, which will require a less stringent review, and will not require usage history and distribution system study of impacts. Additionally, for calendar year 2013, the "Fast Track" MW reservation for Qualifying Systems will comprise a total of no less than 20%, or 2.0 MW, of the total 10 MW limit in calendar year 2013. The "Fast Track" reservation amount will also be reviewed annually based on Program participation and market conditions. The program limits and reservations are outlined in the table below.

Calendar Year	Fast Track MW Reservation	Total Program MW Limit
2013	2.0	10.0

Once a Distributor and a Participant have signed a Participation Agreement and presented it to TVA for review and possible execution, TVA shall be under no obligation to execute said Participation Agreement once the MW limit for that year has been reached, notwithstanding any actions taken and expenses incurred to date by the Applicant.

GUIDELINE 13 - TRUST/POWER OF ATTORNEY/ LEGAL DOCUMENT

In all instances when the Participant or Qualifying System Owner represents there is a legal document relevant to the terms of the Participation Agreement, the Participant or Qualifying System Owner shall provide the Distributor with the original legal document. Distributor shall then make a copy of said legal document and attach it to the

Participation Agreement. TVA's decision on the legal effect of said legal document shall be controlling.

GUIDELINE 14 - PARTICIPANT DEATH OR INCAPACITY

Upon Participant's death or incapacity, if Participant's estate executor, conservator, attorney in fact, or court ordered agent (herein collectively Agent) wishes to continue with the terms and conditions of the Participation Agreement and Guidelines, Agent shall complete the Request to Amend Participation Agreement by Changing Participant and/or Qualifying System Owner (Attachment C) and forward it to Distributor and TVA for review and potential approval and execution; otherwise, the Participation Agreement shall be terminated and any new owner of <u>Site</u> must reapply for Program participation in accordance with the then-current Participation Agreement and Guidelines.

GUIDELINE 15 - GUIDELINES CHANGES

These Guidelines continue in effect until modified or replaced by TVA at any time and from time to time upon thirty (30) <u>Calendar Days</u> notice to all Distributors participating in the Program. Said notice shall be deemed properly given if provided electronically either by electronic mail or by posting electronically on a computer-based information system designated by TVA for such purpose. In the event of a conflict between these Guidelines, the Green Power Providers Agreement, a Participation Agreement, or any other contract executed by TVA, the Green Power Providers Agreement shall govern. In the event of a conflict between these Guidelines and a former version of the Guidelines (including a version of the Guidelines that was in effect at the time any contract was signed), these Guidelines shall govern. TVA will publish any changes or modifications to the Guidelines online at Program's website (http://www.tva.com/renewable/index.htm).

GREEN POWER PROVIDERS PROGRAM PARTICIPATION GUIDELINES

(Effective October 1, 2012, R1)

GUIDELINE 1 - PROGRAM PURPOSE AND DESCRIPTION

The purpose of the Green Power Providers program (Program) is to continue to increase the renewable energy supply in the Tennessee Valley region. In addition, the Program aims to align with the green power demand and participation levels in TVA's Green Power Switch program, while also stimulating economic growth and serving as a customer-focused solution to grid integration of small scale clean and renewable energy systems.

Distributors of TVA power (Distributors) that have entered into a Green Power Providers Agreement with TVA have the opportunity to offer the Program to their customers. These customers (Applicants) can apply for participation in the Program by completing the Green Power Providers Participation Agreement, and Distributors (in such circumstances also herein referred to as Applicants) can apply for participation as generators under the Green Power Providers Distributor Facility Participation Agreement (both agreements herein referred to as Participation Agreement), and submitting it to Distributor and TVA for review and potential approval and execution. All Applicants must be the same person(s) or entity designated on the customer's power billing account that is associated with the single associated Billing Meter at the Address of Site (defined below). Each Applicant will be given the status of "Participant" upon full execution of a Participation Agreement by all parties, provided such Applicant qualifies for and meets, at the time TVA executes the Participation Agreement, the then-current participation requirements. In order to retain its status as a Participant, each Applicant must install its generating system (Qualifying System) in accordance with the Participation Agreement and this Green Power Providers Program Participation Guidelines document (Guidelines) and, once TVA has executed the Participation Agreement, the Qualifying System must be fully interconnected, and operational within one hundred eighty (180) Calendar Days of TVA's execution of the Participation Agreement, as indicated on Distributor's Acceptance of Qualifying System form (System Acceptance Form), and Applicant shall comply with the terms of the Participation Agreement.

GUIDELINE 2 - DEFINITION OF TERMS

As used in these Guidelines:

- 2.1 "Applicant" shall mean any potentially eligible residential, commercial, or industrial end-use customer served by Distributor (or a Distributor itself on its own behalf) that elects to participate in the Program by (i) submitting an interconnection request to Distributor, and upon Distributor's approval, entering into an interconnection agreement with Distributor, and (ii) submitting a completed copy of the Participation Agreement for TVA's and Distributor's review and potential approval and execution.
- 2.2 "Billing Meter" shall mean a retail billing meter located at the <u>Site</u> where the <u>Participant's</u> facility or dwelling is located. The <u>Billing Meter</u> must be fully operational and measure the billing demand and/or the energy consumed at the <u>Site</u>.

- 2.3 "Business Days" shall mean all days except Saturdays and Sundays and the weekdays that are observed by TVA as Federal holiday (Federal holidays currently include New Year's Day, Martin Luther King's Birthday, Presidents' Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day).
- 2.4 "Calendar Days" shall mean all days in a month, including weekends and holidays.
- 2.5 "<u>Delivery Commencement Date</u>" shall mean the date on which the Distributor has executed the System Acceptance Form.
- 2.6 "<u>Delivery Point</u>" shall mean the point at which the <u>Site</u> is interconnected to Distributor's distribution system, as determined in the <u>Interconnection</u> Agreement.
- 2.7 "Generation Credit" shall mean the accrued generation credits due to <u>Participant</u>, which shall be calculated by applying the sum of the energy charge in the applicable retail rate schedule (residential (RS) or deemed to be GSA1 for all commercial and industrial customers) and the applicable <u>Premium Rate</u> to the kWh energy measured on the <u>Generation Meter</u>.
- 2.8 "Generation Meter" shall mean a meter additional to the Billing Meter at the Site that is installed by Distributor and designed to measure the alternating current (AC) energy output from the Qualifying System at the Site. Generation Meter shall mean either an Interval Generation Meter or a Non-Interval Generation Meter, or both.
- 2.9 "<u>Interconnection Agreement</u>" means the agreement executed by <u>Applicant</u> and Distributor to provide for the interconnection of the Qualifying System to Distributor's distribution system.
- 2.10 "Interval Generation Meter" shall be a solid-state type meter of high quality for billing purposes that records at least clock hour (hour interval) data and measures the energy output (kWh) from the Qualifying System at the Site; provided, however; it is recognized that fifteen (15) minute interval data is preferred. It is further expressly recognized that the Participant's applicable retail rate schedule may require a shorter interval.
- 2.11 "Non-Interval Generation Meter" shall be a solid-state type meter of high quality for billing purposes that measures the energy output (kWh) from the Qualifying System at the Site but which does not meet the definition of Interval Generation Meter.
- 2.12 "Premium Rate" shall have the meaning set forth in Guideline 8.
- 2.13 "Site" shall mean Participant's residential, commercial, or industrial real estate and associated personal property to which the Qualifying System is connected, the address of which is identified under the Participant's power billing account. In addition, the Site must meet all of the following requirements:

- (a) The property must receive its retail electricity distribution services from Distributor at the location of the Qualifying System;
- (b) The Qualifying System must be located on the same premises of Participant where the Participant's own electrical load is located;
- (c) Maximum of 50 kW per contiguous property per Participant, subject to Guideline 3 below; and
- (d) Maximum of 50 kW per associated <u>Billing Meter</u> account at the <u>Site</u>, subject to Guideline 3 below.

In addition, the <u>Site</u> shall meet the requirements set forth in the Participation Agreement and these Guidelines.

GUIDELINE 3 - CUSTOMER ELIGIBILITY AND LOAD REQUIREMENTS

3.1 Existing Distributor Customers

- (a) Existing Distributor customers must have at least twelve (12) months of historical annual energy usage (kWh) data from the <u>Site</u>.
- (b) The primary purpose of the <u>Applicant</u>'s residential, commercial, or industrial facility cannot be energy generation.
- (c) Qualifying Systems with a nameplate capacity of up to 10 kW (DC for inverter-based systems, AC for non-inverter-based systems) are deemed "Fast Track" projects, which will require a less stringent review, will not require usage history and distribution system study of impacts, and are not subject to any load or energy usage requirements. However, if the nameplate capacity of the Qualifying Systems is greater than 10 kW (DC for inverter-based systems, AC for non-inverter-based systems), the system will be subject to Site energy usage requirements. In this case the Qualifying System's nameplate capacity is limited to the lesser of (i) 50 kW or (ii) the kW capacity that is designed to generate annually no more than 100% of the Site's historical annual usage in kWh, as recorded by the associated Billing Meter at the Site with multiple Billing Meters is limited to one "Fast Track" Qualifying System.

3.2 New Distributor Customers/New Construction

Provided Distributor agrees to offer the Program to its prospective eligible customers or "new construction" market and subject to the Program's terms and conditions, the following shall apply:

(a) For prospective new and existing customers without twelve (12) full months of historical usage, either the builder (for new construction) or existing customer (for customers without twelve (12) full months of historical electrical usage at the Site) must submit acceptable and reasonable annual electrical usage projections for its residential or commercial/industrial facility.

For new construction projects, the builder(s) (Builder) must complete and submit the "Request for Program Participation Eligibility of New

Construction" (New Construction Request Form or Attachment E) to its Distributor for acceptance of its potential Qualifying System(s) into the Program. It is expressly recognized and understood that it is at Distributor's and TVA's discretion to approve or reject any submitted Attachment E.

- (b) The Builder may receive a Program letter of intent (LOI) from Distributor, and TVA, which guarantees the Builder's Qualifying System acceptance into the Program against the annual capacity limit, provided that the Qualifying System is fully operational and interconnected (as identified on the System Acceptance Form) within 360 <u>Calendar Days</u> from the date of the LOI and provided that (i) Distributor approves and allows for acceptance of new construction projects in the Program, (ii) the Qualifying System meets the eligibility requirements for the Program, and (iii) there is available capacity (MW) for the Program in the given year.
- (c) The LOI is deemed valid as long as an official Participation Agreement is fully executed between the Participant, Qualifying System Owner (if different than the Participant), Distributor, and TVA within one hundred eighty (180) Calendar Days from the date of the LOI. Upon completion of a fully executed Participation Agreement, the Participant/Applicant must satisfy all of the requirements of the Participation Agreement and the Guidelines, including having the Qualifying System interconnected and fully operational within the one hundred eighly (180) Calendar Days period after TVA's execution of the Participation Agreement. The total project completion period (LOI and Participation Agreement) is 360 Calendar Days. The Participant will receive the Premium Rate associated with the calendar year in which the Participation Agreement is executed by TVA.
- (d) For existing customers without twelve (12) full months of electrical usage history, <u>Applicant</u> must provide Distributor with its projected annual usage (kWh), in addition to the proposed nameplate capacity of the Qualifying System.
- (e) Proposed "Fast Track" projects are not subject to any load or energy usage requirements. However, if the proposed nameplate capacity of the <u>Qualifying System</u> is greater than 10 kW (DC for inverter-based systems, AC for non-inverter-based systems), the system will be subject to projected <u>Site</u> energy usage requirements. In this case the Qualifying System's proposed nameplate capacity is limited to the lesser of (i) 50 kW or (ii) the kW capacity that is designed to generate annually no more than 100% of the <u>Applicant's/Participant's projected annual usage in kWh</u>, as recorded by the associated <u>Billing Meter</u> at the <u>Site</u>. NOTE: A <u>Site</u> with multiple <u>Billing Meters</u> is limited to one "Fast Track" Qualifying System.

As provided in this Guidelines 3.2, the annual generation (kWh) projections from the Qualifying System must be provided to Distributor by an Applicant, or by any existing

Participant with a nameplate capacity of 10 kW or less and who wishes to increase its Qualifying System's nameplate capacity to be above 10 kW. This <u>Applicant</u> or Participant must submit a professional estimate for expected generation, if available, which shall be reviewed and subject to approval by Distributor and TVA. The following default annual capacity factors (%) shall be used to determine the maximum nameplate capacity (kW) of any new or expanding Qualifying System.

- Solar PV 15%
- Wind 15%
- Low-Impact Hydropower 50%
- Biomass 70%

Example: A small commercial business' projected annual usage is 30,000 kWh on a single billing meter and it wishes to install a solar PV project in the Program. The maximum nameplate capacity for this business would be 23 kW DC since it would likely generate no more than 100% of the customer's annual usage on the single billing meter.

Solar PV Generation Example Default Calculation:

23 kW X 8,760 hours X 15% Annual Capacity Factor = 30,222 kWh (round maximum kW to the nearest whole number)

Additionally, TVA will post a helpful calculator or links to websites that may assist customers in making this calculation.

GUIDELINE 4 - ELIGIBLE RENEWABLE TECHNOLOGIES

Participant must be able to demonstrate, on an ongoing basis, that the Qualifying System generates electricity from one of the resources (Qualifying Resources) included below:

- (a) Solar Photovoltaic (PV): poly-crystalline panels or thin film cells using fixed or single/dual axis tracking systems, which can be ground- or structure-mounted.
- (b) Wind: turbines in conventional sizes for commercial-scale generation.
- (c) Low-Impact Hydropower from new generation capacity on a non-impoundment or new generation capacity on an existing impoundment. Such generation must be located in the Cumberland River watershed or in the Mississippi River. Hydro generation could be located in the Tennessee River watershed only if TVA were to issue a permit under section 26a of the TVA Act. Additionally, such generation must meet one or more of the following conditions: (1) the hydropower facility is certified by the Low Impact Hydropower Institute, or (2) the facility is a run-of-the river hydropower facility with a total rated nameplate capacity equal to 50 kW or less (multiple turbines will not be counted separately and shall not amount to more than the nameplate capacity); or (3) the hydropower facility consists of a turbine in a pipeline or a turbine in an irrigation canal. Furthermore, such generation must also meet any applicable FERC requirements.
- (d) Biomass: solid, liquid, or gaseous form of renewable biomass that is produced from the following fuels in a manner that complies with Applicable Law: 1) All

wood waste including "black liquor" from pulp and paper processing, mill residues, industrial waste wood, and waste wood from woodworking or wood processing, so long as the wood is not chemically treated or coated; 2) All agricultural crops or waste; 3) All animal and other organic waste; 4) All energy crops; and 5) Landfill gas and wastewater methane.

- Biomass resources excluded from eligibility include:
 - (1) wood that has been coated with paints, plastics, or Formica;
 - (2) wood that has been treated for preservation with materials containing halogens (such as chlorine or other halide compounds) or arsenic (such as CCA or chromated copper arsenate);
 - (3) municipal solid waste; and
 - (4) biodiesel.

GUIDELINE 5 - PROGRAM RESTRICTIONS

No Qualifying System may be installed on billboards, light poles, cable/communication/internet boxes, recreational vehicles, or mobile facilities.

GUIDELINE 6 - PROCESS AND PROCEDURES

- (a) Distributor customer consults with Distributor about participation in the Program.
- (b) Distributor customer applies for Program participation by submitting to Distributor (i) an interconnection request, including any interconnection request fees, (ii) a completed Participation Agreement, and (iii) a Program application fee (not to exceed \$500), thereby becoming an <u>Applicant</u>.
- (c) Participant purchases the Qualifying System and installs it so that it is fully operational within one hundred eighty (180) <u>Calendar Days</u> of the date of TVA's execution of the Participation Agreement.
- (d) After the installation of the Qualifying System is completed and Distributor has submitted the System Acceptance Form, upon TVA's approval of the System Acceptance Form, Participant will receive a one-time \$1,000 rebate incentive from either TVA or Distributor, depending on what billing option the Distributor has selected for the Participant.
- (e) Participant's Qualifying System begins generation and Participant receives monthly credits for the renewable generation in accordance with the <u>Participation Agreement</u>.

GUIDELINE 7 - PROGRAM INCENTIVES

Eligible participants will receive the following:

- (a) One-time \$1,000 rebate incentive after the Qualifying System is installed, completed, interconnected, commissioned, and begins energy generation (the Delivery Commencement Date).
- (b) Monthly Generation Credits.

Note that the <u>Premium Rate</u> is dependent upon the date and calendar year that the Participation Agreement is executed by TVA for participation in the Program. Further, the <u>Premium Rate</u> shall apply only to the first ten (10) years from <u>Delivery Commencement Date</u> and no <u>Premium Rate</u> shall be paid for the remaining term of the Participation Agreement.

GUIDELINE 8 - PREMIUM RATE

The <u>Premium Rate</u> to be applied in the calculation of a Participant's monthly <u>Generation Credits</u> will vary based on the renewable technology, and the date and calendar year on which TVA executes the Participation Agreement. For the 2012 calendar year, the following <u>Premium Rate</u> is applicable to Participation Agreements executed and dated by TVA on or prior to December 31, 2012. [Note, however, that the Qualifying System(s) must be completed, installed, and generating at full capacity within 180 <u>Calendar Days</u> from the date TVA executes the Participation Agreement, in order to receive said <u>Premium Rate</u>].

Solar	\$0.12
Wind, Biomass, and Hydro	\$0.03

TVA will endeavor to approve and execute any completed and acceptable Participation Agreements that Distributor and Participant have already executed within twenty (20) <u>Business Days</u> from the date said Participation Agreements are received by TVA. TVA will endeavor also to return any incomplete or otherwise unacceptable Participation Agreements within the same timeframe.

In order to provide a sustainable, steady, and transparent path for small scale renewable generation as well as to align power purchases with Green Power Switch demand, the following projected Premium Rate schedule for the next year will be reviewed and published annually and will be provided as updates to these Guidelines.

Solar	\$0.09
Wind, Biomass, and Hydro	\$0.03

The 2013 <u>Premium Rates</u> stated above are not final but represent the current projected <u>Premium Rates</u>. TVA will review the Program and incentives annually and will endeavor to publish a revised Guidelines document online at Program's website (http://www.tvagreenpowerproviders.com) one (1) month prior to changing the <u>Premium Rate</u> and incentives. TVA reserves the right to change the current projected <u>Premium Rates</u> for Participation Agreements that are entered into in future years, and <u>Applicants</u> and Participants assume the risk of TVA establishing differing <u>Premium Rates</u> for future years when TVA revises these Guidelines. Such changes will not affect fully executed Participation Agreements.

Example: a solar project is installed and completed by an eligible Participant in accordance with the terms and conditions of the Participation Agreement and its attached Guidelines document. The Participation Agreement for such solar system was

executed by all parties and the date TVA executed the Participation Agreement was January 25, 2013. According to the projected 2013 <u>Premium Rates</u> above, the Participant would receive a premium of \$0.09/kWh for the first ten years from the <u>Delivery Commencement Date</u>, and there would be no effective premium for years 11 - 20. TVA will pay the applicable retail rates only (Residential (RS) or GSA1) for energy generated in the subsequent ten-year term of the Participation Agreement. All environmental attributes (RECs) are purchased by TVA for the term of the Participation Agreement. Note that the <u>Premium Rates</u> as well as other Program attributes will be reviewed and evaluated on an annual basis, and future Program parameters, including <u>Premium Rates</u> may differ from the projections above.

GUIDELINE 9 - BILLING AND INCENTIVE DISTRIBUTION

Each Distributor is required to elect either the Distributor Billing Option or TVA-Vendor Billing Option, as defined in the Participation Agreement, and <u>Generation Credits</u> and incentives will be credited or paid to each Participant accordingly.

Under the Distributor Billing Option, the Distributor issues the total <u>Generation Credit</u> to the Participant's monthly electric power bill. In addition, the Distributor provides the one-time \$1,000 rebate incentive to the Participant after the Delivery Commencement Date.

Under the TVA-Vendor Direct Billing Option, Participants receive a portion (retail rate portion only) of their monthly <u>Generation Credit</u> from their Distributor via the monthly electric power bill. The <u>Premium Rate</u> portion of the <u>Generation Credit</u> will be issued, on a monthly basis, to the Participant through a TVA-designated third-party vendor. The TVA-designated third-party vendor will also issue the one-time \$1,000 rebate incentive to the Participant after system commissioning.

GUIDELINE 10 - INSTALLERS

Beginning January 1, 2013, solar photovoltaic and wind installations must be completed by installers who have completed and passed the North American Board of Certified Energy Practitioners (NABCEP) entry-level installer examination. For proof of eligibility and upon request by the Distributor, qualified installers must submit either a copy of their Achievement Award or NABCEP Certification to the Distributor as part of the initial application for Interconnection submittal. A list of NABCEP installers is posted at www.nabcep.org.

GUIDELINE 11 - QUALIFYING SYSTEM EXPANSION

Any capacity upgrades or additions to an existing Qualifying System's approved nameplate capacity are subject to TVA's and Distributor's approval. Participant must complete Attachment D (Request to Amend Participation Agreement to Modify Capacity of Qualifying System form), submit it to the Distributor and TVA for review, and obtain the approval of both Distributor and TVA prior to making any modifications to the system. Capacity expansions will be subject to available Program capacity in the given year. Additionally, any requested increases or additions in nameplate capacity, if approved, must be completed and the entire modified Qualifying System must be fully operational and interconnected within one hundred eighty (180) <u>Calendar Days</u> of acceptance and approval of the modification by TVA, as indicated by the date of TVA's execution of

Attachment D. Additionally, the Participant is responsible for any associated expenses incurred due to said capacity expansion(s), such as <u>Site</u> inspections, reviews, and processing.

GUIDELINE 12 - ANNUAL PROGRAM PARTICIPATION LIMITS

TVA will conduct an annual Program evaluation and will set annual MW limits that provide sustainable growth of renewable capacity in alignment with the Green Power Switch program participation and demand, as well as TVA's Integrated Resource Plan.

Participation Agreements will be reviewed and enter a queue for allocation of available Program capacity on a first-come, first-serve basis, as determined by the date Participation Agreements are received and deemed complete by TVA for potential approval and execution. In order to ensure sufficient time to review and process newly submitted Participation Agreements, TVA shall stop accepting Participation Agreements submitted to it on December 1st of each calendar year. TVA shall resume, on January 1st of the following calendar year, accepting new Participation Agreements, for its review and potential approval, in accordance with the then-current Program requirements.

TVA will publish the progress towards the annual MW limit on the Program's website (http://www.tvagreenpowerproviders.com). If and when the MW limit for any given year is reached, TVA will publish on the Program's website such news as soon as it becomes available and stop accepting Participation Agreements for that particular year. TVA will announce and notify the public via the Program's website if eligible capacity becomes available in that same year and may start accepting new Participation Agreements.

The initial MW limit is set to be 2.5 MW of nameplate capacity for Participation Agreements approved, executed, and dated by TVA in calendar year 2012. To ensure diverse and equitable participation in the Program for calendar year 2012, the "Fast Track" MW reservation for Qualifying Systems will comprise a total of no less than 20%, or 0.5 MW, of the total 2.5 MW limit in calendar year 2012.

Both the "Fast Track" reservation amount and the total Program limits will be reviewed annually and adjusted as appropriate based on Program participation and market conditions. The currently effective Program limits and reservations are outlined in the table below.

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2012	0.5	2.5	
2013	1.5	7.5	
Total through 2013	2.0	10.0	

Once a Distributor and a Participant have signed a Participation Agreement and presented it to TVA for review and possible execution, TVA shall be under no obligation to execute said Participation Agreement once the MW limit for that year has been reached, notwithstanding any actions taken and expenses incurred to date by the <u>Applicant</u> and Distributor.

GUIDELINE 13 - TRUST/POWER OF ATTORNEY/ LEGAL DOCUMENT

In all instances when the Participant or Qualifying System Owner represents there is a legal document relevant to the terms of the Participation Agreement, the Participant or Qualifying System Owner shall provide the Distributor with the original legal document. Distributor shall then make a copy of said legal document and attach it to the Participation Agreement. TVA's decision on the legal effect of said legal document shall be controlling.

GUIDELINE 14 - PARTICIPANT DEATH OR INCAPACITY

Upon Participant's death or incapacity, if Participant's estate executor, conservator, attorney in fact, or court ordered agent (herein collectively Agent) wishes to continue with the terms and conditions of the Participation Agreement and Guidelines, Agent shall complete the Request to Amend Participation Agreement by Changing Participant and/or Qualifying System Owner (Attachment C) and forward it to Distributor and TVA for review and potential approval and execution; otherwise, the Participation Agreement shall be terminated and any new owner of <u>Site</u> must reapply for Program participation in accordance with the then-current Participation Agreement and Guidelines.

GUIDELINE 15 - GUIDELINES CHANGES

These Guidelines continue in effect until modified or replaced by TVA at any time and from time to time upon thirty (30) <u>Calendar Days</u> notice to all Distributors participating in the Program. Said notice shall be deemed properly given if provided electronically either by electronic mail or by posting electronically on a computer-based information system designated by TVA for such purpose. In the event of a conflict between these Guidelines, the Green Power Providers Agreement, a Participation Agreement, or any other contract executed by TVA, the Green Power Providers Agreement shall govern. In the event of a conflict between these Guidelines and a former version of the Guidelines (including a version of the Guidelines that was in effect at the time any contract was signed), these Guidelines shall govern. TVA will publish any changes or modifications to the Guidelines online at Program's website (http://www.tvagreenpowerproviders.com).

October 1, 2012

RESALE RATE SCHEDULE SUBSTITUTION AGREEMENT Between WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION (DISTRIBUTOR) And TENNESSEE VALLEY AUTHORITY (TVA)

Distributor and TVA agree to substitute the new resale rate schedules specified in (a) below, copies of which are attached, for the resale rate schedules specified in (b) below, which, as adjusted, are now in effect as a part of the Schedule of Rates and Charges attached to and made a part of the Power Contract, TV-59577A, dated April 26, 1982, as amended (Power Contract), between TVA and Distributor. This substitution is to be effective for all bills rendered from resale meter readings taken for revenue months of Distributor beginning with the October 2012 revenue month. It is expressly recognized that the adjustments set forth in the applicable Adjustment Addendum to said Schedule of Rates and Charges shall continue to apply to the charges provided for by the attached schedules specified in (a) below.

(a) New resale rate schedules:

Residential Rate--Schedule RS (October 2012)
General Power Rate--Schedule GSA (October 2012)
Time-of-Use General Power Rate--Schedule TGSA (October 2012)

(b) Existing resale rate schedules:

Residential Rate--Schedule RS (January 2012) General Power Rate--Schedule GSA (January 2012) Time-of-Use General Power Rate--Schedule TGSA R1 (April 2011) It is understood that, upon execution of this agreement by TVA and Distributor, all references in the Power Contract to the existing resale rate schedules specified in (b) above, or to any predecessor schedules, shall be deemed to refer to the appropriate new resale rate schedules specified in (a) above.

It is expressly recognized that in accordance with Supp. No. 81 to the Power Contract, Wholesale Power Rate--Schedule WS-TOU will become effective for all bills rendered from wholesale meter readings scheduled to be taken on and after October 2, 2012.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

By Wavid & Smart Title: Rossident +CED

Rate schedule substitution agreed to as of the date first above written.

TENNESSEE VALLEY AUTHORITY

Serior Manager

Power Contracts

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

RESIDENTIAL RATE--SCHEDULE RS

(October 2012)

<u>Availability</u>

This rate shall apply only to electric service to a single-family dwelling (including its appurtenances if served through the same meter), where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein.

Character of Service

Alternating current, single-phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or agreed to by Distributor. Multiphase service shall be supplied in accordance with Distributor's standard policy.

Base Charges

Customer Charge:

\$25.00 per month, less

Hydro Allocation Credit: \$1.60 per month

Energy Charge:

Summer Period 6.758¢ per kWh per month

Winter Period

6.746¢ per kWh per month

Transition Period 6.682¢ per kWh per month

Adjustment

The base energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, the base energy charge and the hydro allocation credit shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Minimum Monthly Bill

The base customer charge, as reduced by the hydro allocation credit, constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

	The cha	rges un	der this	rate s	schedule	are	based	upon	the	supply	of s	service	through	ıa	single
delivery	and me	tering po	oint, and	at a	single vo	oltag	e.								

Service is subject to Rules and Regulations of Distributor.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

GENERAL POWER RATE--SCHEDULE GSA

(October 2012)

Availability

This rate shall apply to the firm power requirements (where a customer's contract demand is 5,000 kW or less) for electric service to commercial, industrial, and governmental customers, and to institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers. This rate shall also apply to customers to whom service is not available under any other resale rate schedule.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or agreed to by Distributor.

Base Charges

1. If (a) the higher of (i) the customer's currently effective contract demand, if any, or (ii) its highest billing demand during the latest 12-month period is not more than 50 kW and (b) the customer's monthly energy takings for any month during such period do not exceed 15,000 kWh:

Customer Charge:

\$25.00 per delivery point per month

Energy Charge:

Summer Period

8.063¢ per kWh per month

Winter Period

8.051¢ per kWh per month

Transition Period 7.987¢ per kWh per month

If (a) the higher of (i) the customer's currently effective contract demand or (ii) its highest billing 2. demand during the latest 12-month period is greater than 50 kW but not more than 1,000 kW or (b) the customer's billing demand is less than 50 kW and its energy takings for any month during such period exceed 15,000 kWh:

Customer Charge:

\$65.00 per delivery point per month

Demand Charge:

Summer Period

First 50 kW of billing demand per month, no demand charge

Excess over 50 kW of billing demand per month, at \$13.05 per kW

Winter Period

First 50 kW of billing demand per month, no demand charge

Excess over 50 kW of billing demand per month, at \$12.23 per kW

Transition Period First 50 kW of billing demand per month, no demand charge

Excess over 50 kW of billing demand per month, at \$12.23 per kW

Energy Charge:

Summer Period First 15,000 kWh per month at 8.858¢ per kWh

Additional kWh per month at 3.673¢ per kWh

Winter Period First 15,000 kW

First 15,000 kWh per month at 8.846¢ per kWh

Additional kWh per month at 3.673¢ per kWh

Transition Period First 15,000 kWh per month at 8.782¢ per kWh

Additional kWh per month at 3.673¢ per kWh

3. If the higher of (a) the customer's currently effective contract demand or (b) its highest billing demand during the latest 12-month period is greater than 1,000 kW:

Customer Charge:

\$150.00 per delivery point per month

Demand Charge:

Summer Period First 1,000 kW of billing demand per month, at \$11.75 per kW

Excess over 1,000 kW of billing demand per month, at \$11.36 per kW,

plus an additional

\$11.36 per kW per month for each kW, if any, of the amount by which the customer's billing demand exceeds the higher of 2,500 kW or its contract

demand

Winter Period

First 1,000 kW of billing demand per month, at \$10.93 per kW

Excess over 1,000 kW of billing demand per month, at \$10.54 per kW;

plus an additional

\$10.54 per kW per month for each kW, if any, of the amount by which the

customer's billing demand exceeds the higher of 2,500 kW or its contract

demand

Transition Period First 1,000 kW of billing demand per month, at \$10.93 per kW

Excess over 1,000 kW of billing demand per month, at \$10.54 per kW,

plus an additional

\$10.54 per kW per month for each kW, if any, of the amount by which the

customer's billing demand exceeds the higher of 2,500 kW or its contract

demand

Energy Charge:

Summer Period

3.728¢ per kWh per month

Winter Period

3.728¢ per kWh per month

Transition Period 3.728¢ per kWh per month

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

<u>Determination of Demand</u>

Distributor shall meter the demands in kW of all customers having loads in excess of 50 kW. The metered demand for any month shall be the highest average during any 30-consecutive-minute period of the month of the load metered in kW. The measured demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load metered in kW or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and such measured demand shall be used as the billing demand, except that the billing demand for any month shall in no case be less than 30 percent of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule shall not be less than the sum of (a) the base customer charge, (b) the base demand charge, as adjusted, applied to the customer's billing demand, and (c) the base energy charge, as adjusted, applied to the customer's energy takings; provided, however, that, under 2 of the Base Charges, the monthly bill shall in no event be less than the sum of (a) the base customer charge and (b) 20 percent of the portion of the base demand charge, as adjusted, applicable to the second block (excess over 50 kW) of billing demand, multiplied by the higher of the customer's currently effective contract demand or its highest billing demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 2,500 kW and shall pay the above charges, as adjusted, plus an additional seasonal use charge equal to (1) 1.33ϕ per kWh per month under 1 of the Base Charges, (2) the sum of 1.33ϕ per kWh for the first 15,000 kWh per month and \$4.00 per kW per month of billing demand in excess of 50 kW under 2 of the Base Charges, and (3) \$4.00 per kW per month of billing demand under 3 of the Base Charges. Consistent with Distributor's standard policy, the customer may arrange for seasonal testing of equipment during offpeak hours.

For such customers, the minimum bill provided for above shall not apply. Distributor may require additional charges to provide recovery of costs for customer-specific distribution facilities.

Contract Requirement

Distributor may require contracts for service provided under this rate schedule. Customers whose demand requirements exceed 1,000 kW shall be required to execute contracts and such contracts shall be for an initial term of at least 1 year. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract

shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

TIME-OF-USE GENERAL POWER RATE--SCHEDULE TGSA

(October 2012)

Availability

This rate shall be available for the firm power requirements (where the higher of a customer's onpeak or offpeak contract demand is 5,000 kW or less) for electric service to commercial, industrial, and governmental customers, and to institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers.

For a customer requesting that its onpeak contract demand be different from its offpeak contract demand, this schedule shall be available only for (1) a new contract, (2) a replacement or renewal contract following expiration of the existing contract, or (3) a replacement or renewal contract or an amended existing contract in which the customer is increasing its demand requirements above the existing contract demand level, but under this item (3) neither the new onpeak nor the new offpeak contract demand shall be lower than the customer's existing contract demand.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or agreed to by Distributor.

Base Charges

1. If (a) the higher of (i) the customer's currently effective onpeak or offpeak contract demand or (ii) its highest onpeak or offpeak billing demand during the latest 12-month period is not more than 50 kW and (b) the customer's monthly energy takings for any month during such period do not exceed 15,000 kWh:

Customer Charge:

\$45.00 per delivery point per month

Energy Charge:

Summer Period

16.343¢ per kWh per month for all onpeak kWh, plus

6.373¢ per kWh per month for all offpeak kWh

Non-Summer Period 15.503¢ per kWh per month for all onpeak kWh, plus

6.373¢ per kWh per month for all offpeak kWh

2. If (a) the higher of (i) the customer's currently effective onpeak or offpeak contract demand or (ii) its highest onpeak or offpeak billing demand during the latest 12-month period is greater than 50 kW but not more than 1,000 kW or (b) the customer's onpeak or offpeak billing demand is not more than 50 kW and its energy takings for any month during such period exceed 15,000 kWh;

Customer Charge:

\$90.00 per delivery point per month

Demand Charge:

Summer Period

\$16.27 per kW of the customer's onpeak billing demand, plus

\$6.78 per month for each kW, if any, of the amount by which the customer's offpeak billing demand exceeds its onpeak billing

demand

Non-Summer Period \$15.43 per kW of the customer's onpeak billing demand, plus

\$6.78 per month for each kW, if any, of the amount by which the customer's offpeak billing demand exceeds its onpeak billing

demand

Energy Charge:

Summer Period

6.161¢ per kWh per month for all onpeak kWh, plus

6.161¢ per kWh per month for all offpeak kWh

Non-Summer Period 6.161¢ per kWh per month for all onpeak kWh, plus

6.161¢ per kWh per month for all offpeak kWh

3. If the higher of (a) the customer's currently effective onpeak or offpeak contract demand or (b) its highest onpeak or offpeak billing demand during the latest 12-month period is greater than 1,000 kW:

Customer Charge:

\$175.00 per delivery point per month

Demand Charge:

Summer Period

\$14.76 per kW per month of the customer's onpeak billing demand,

\$5.61 per month for each kW, if any, of the amount by which the customer's offpeak billing demand exceeds its onpeak billing

demand, plus an additional

\$14.76 per kW per month for each kW, if any, of the amount by which (1) the customer's onpeak billing demand exceeds the higher of 2,500 kW or its onpeak contract demand or (2) the customer's offpeak billing demand exceeds the higher of 2,500 kW or its offpeak

contract demand, whichever is higher

Non-Summer Period

\$13.93 per kW per month of the customer's onpeak billing demand,

plus

\$5.61 per month for each kW, if any, of the amount by which the customer's offpeak billing demand exceeds its onpeak billing

demand, plus an additional

\$13.93 per kW per month for each kW, if any, of the amount by which (1) the customer's onpeak billing demand exceeds the higher of 2,500 kW or its onpeak contract demand or (2) the customer's offpeak billing demand exceeds the higher of 2,500 kW or its offpeak

contract demand, whichever is higher

Energy Charge:

Summer Period

3.856¢ per kWh per month for all onpeak kWh, plus

3.856¢ per kWh per month for all offpeak kWh

Non-Summer Period 3.856¢ per kWh per month for all onpeak kWh, plus

3.856¢ per kWh per month for all offpeak kWh

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or

Schedule TGSA October 2012 Page 2 of 5

decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Determination of Seasonal Periods

Summer Period shall mean the May, June, July, August, September, and October billing months. Non-Summer Period shall mean the November, December, January, February, March, and April billing months.

Determination of Onpeak and Offpeak Hours

Except for Saturdays and Sundays and the weekdays that are observed as Federal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, onpeak hours for each day shall be from 11 a.m. to 9 p.m. during the Summer Period and from 2 a.m. to 12 p.m. during the Non-Summer Period. All other hours of each day that are not otherwise defined as onpeak hours and all hours of such excepted days shall be offpeak hours. Such times shall be Central Standard Time or Central Daylight Time, whichever is then in effect. Said onpeak and offpeak hours are subject to change by TVA. In the event TVA determines that such changed onpeak and offpeak hours are appropriate, it shall so notify Distributor at least 12 months prior to the effective date of such changed hours, and Distributor shall promptly notify customer.

<u>Determination of Onpeak and Offpeak Energy Amounts</u>

The onpeak and offpeak kWh for any month shall be the energy amounts taken during the respective hours of the month designated under this rate schedule as onpeak and offpeak hours.

Determination of Onpeak and Offpeak Demands

Distributor shall meter the onpeak and offpeak demands in kW of all customers taking service under this rate schedule. The onpeak demand and the offpeak demand for any month shall be determined separately for the respective hours of the month designated under this rate schedule as onpeak and offpeak hours and in each case shall be the higher of the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the month of (a) the load metered in kW or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA, and, except as provided below in this section, such amounts shall be used as the onpeak and offpeak billing demands. The onpeak billing demand shall in no case be less than 30 percent of the customer's onpeak demand amount. The offpeak billing demand shall in no case be less than 30 percent of the customer's offpeak demand amount.

For purposes of this section, the onpeak demand amount referred to above shall be the higher of the currently effective onpeak contract demand or the highest onpeak billing demand established in the preceding 12 months, and the offpeak demand amount referred to above shall be the higher of the currently effective offpeak contract demand or the highest offpeak billing demand established in the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule shall not be less than the sum of (a) the base customer charge, (b) the portion of the base demand charge, as adjusted, applicable to onpeak billing demand applied to the customer's onpeak billing demand, (c) the portion of the base demand charge, as adjusted, applicable to the excess of offpeak over onpeak billing demand applied to the amount, if any, by which

the customer's offpeak billing demand exceeds its onpeak billing demand, (d) the base onpeak energy charge, as adjusted, applied to the customer's onpeak energy takings, and (e) the base offpeak energy charge, as adjusted, applied to the customer's offpeak energy takings; provided, however, under 2 of the Base Charges, the monthly bill shall in no event be less than the sum of (a) the base customer charge, (b) 20 percent of the base onpeak demand charge, as adjusted, multiplied by the customer's onpeak billing demand, and (c) 20 percent of the portion of the base demand charge, as adjusted, applicable to the excess of offpeak over onpeak billing demand applied to the amount, if any, by which the customer's offpeak billing demand exceeds its onpeak billing demand.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 2,500 kW and shall pay the above charges, as adjusted, plus an additional seasonal use charge equal to (1) 1.33¢ per kWh per month under 1 above and (2) \$4.00 per kW per month of the higher of the onpeak or offpeak billing demand under 2 and 3 above. Consistent with Distributor's standard policy, the customer may arrange for seasonal testing of equipment during offpeak hours.

For such customers, the minimum bill provided for above shall not apply. Distributor may require additional charges to provide recovery of costs for customer-specific distribution facilities.

Contract Requirement

Distributor shall require contracts for service provided under this rate schedule and such contracts shall be for an initial term of at least 1 year. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

After having received service for at least 1 year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the General Power Rate--Schedule GSA. In such case the term of the power contract shall remain the same and the contract demand for service under the General Power Rate--Schedule GSA shall not be less than the onpeak contract demand in effect when service was taken under this rate schedule.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

VALLEY INVESTMENT INITIATIVE PARTICIPATION AGREEMENT

Among PILGRIM'S PRIDE CORPORATION, WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION, And

TENNESSEE VALLEY AUTHORITY

Date: March 26,2013

VII Contract No. 7057

TV-59577A, Supp. No. 86

THIS AGREEMENT will confirm the understandings among PILGRIM'S PRIDE CORPORATION (Company), WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION (Distributor), and TENNESSEE VALLEY AUTHORITY (TVA) with respect to Company's participation in the Valley Investment Initiative (VII) being jointly conducted by Distributor and TVA.

It is understood and agreed that:

SECTION 1 - DEFINITIONS

Underlined terms used in this Agreement are defined in Company's "Valley Investment Initiative Award Application" (VII Award Application) which is attached to and made a part of this Agreement.

SECTION 2 - TERM

This Agreement shall become effective on the date first written above (Effective Date), and shall continue in effect through the end of the <u>Award Period</u> described below, except that the provisions of sections 3.2, 6.2, 7.3, 7.4, 9.3, and 10 below shall continue in effect until the obligations of the parties under them are fulfilled.

SECTION 3 - ELIGIBILITY FOR VII

- 3.1 <u>Company's Certification</u>. Company's eligibility for the VII award provided for in section 4 below is based on TVA's determination that Company meets the criteria of a <u>Qualifying Customer</u> at Company's <u>Qualifying Plant</u>. It is expressly recognized that such determination is based on information provided and certified by Company in the VII Award Application.
- 3.2 Access to Records. Company shall keep and make available accurate records and books of accounts related to Company's <u>VII Metrics</u>, as well as data to support compliance with the terms and conditions of this Agreement subject to the provisions of section 10 of this Agreement. Company shall allow Distributor, TVA, and their agents and employees, access, during normal working hours and upon advance reasonable notice and the signing of any necessary confidentiality documents, to all such books, records, and other documents of Company until the completion of all close-out procedures respecting this Agreement and the final settlement and conclusion of all issues arising out of this Agreement.

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SECTION 4 - VII AWARDS

Based on Company's projections and the Information contained in the VII Award Application, Company will be eligible to receive a VII award in the form of monthly credits on Company's bill for firm power provided to the <u>Qualifying Plant</u> (Bill Credits) beginning on July 18, 2013. Except as otherwise provided below, Distributor shall apply the monthly Bill Credits for each year of the 5-year period in amounts equal to 1/12 of the Maximum Annual Award amounts set out in the table below.

Year	Maximum Annual Award
1	\$118,957.92
2	\$118,957.92
3	\$118,957.92
4	\$118,957.92
5	\$118,957.92

Company shall not be eligible for and will not earn or receive any Bill Credits for any amount that exceeds the amount of Company's monthly power bill(s) attributable to Company's <u>Qualifying Plant</u> In any given month. In the event that Company receives more than one power bill in any month for its <u>Qualifying Plant</u>, Distributor may distribute the Bill Credit among multiple power bills to ensure that the VII credit on any power bill does not exceed the total retail amount of that power bill.

SECTION 5 - REPORTING BY COMPANY

- 5.1 <u>Annual Reporting</u>. Within 60 days after the end of each 12-month period of the <u>Evaluation Period</u>, Company shall provide TVA a report certified by Company's duly authorized officer (Annual Certification), and verified by Distributor pursuant to section 6.1 below, updating the information and projections provided in Company's VII Award Application and showing Company's <u>VII Metrics</u> for the most recent <u>Evaluation Period</u> year. The Annual Certification shall be in a form furnished by TVA.
- 5.2 <u>Continuing Reporting Obligation</u>. Company shall promptly notify Distributor and TVA of any material changes in the information provided in its VII Award Application or its Annual Certifications. Upon receipt of such notice, TVA may at that time take the steps outlined in section 7 below.

SECTION 6 - DATA SUPPLIED BY DISTRIBUTOR

- 6.1 <u>Annual Certification</u>. It is recognized that Company's eligibility to receive the Bill Credits provided for in this Agreement is based on information provided by Company and, where applicable, verified by Distributor in Company's VII Award Application and Annual Certifications. Distributor shall review Company's Annual Certification each year and, where requested by TVA, shall certify the accuracy of certain items, including:
 - (a) Company's payment history under its power supply contract with Distributor,

- (b) total kWh usage and highest <u>Total Metered Demand</u> of Company's <u>Qualifying Plant</u> for each of the previous 12 months, and
- (c) whether Company's Qualifying Plant is a Nonconforming Load.
- 6.2 Monthly Data. It is recognized that Distributor may be responsible for providing and maintaining metering facilities which are capable of recording the data specified in items (b) and (c) above. If requested by TVA, Distributor shall make available to TVA any such meter data necessary for TVA to verify Company's eligibility for participation in VII or calculate Bill Credits under this Agreement. Upon request, Distributor shall also furnish to TVA a copy of Company's power bill each month, which shall itemize the amount of any Bill Credit for that month, and any other information related to Company's eligibility for and participation in VII as TVA may reasonably request.
- 6.3 Other Information. Distributor shall promptly notify TVA if Company (a) gives notice to terminate the power supply contract under which power is supplied to Company's Qualifying Plant or (b) materially breaches the power supply contract under which power is supplied to Company's Qualifying Plant or materially breaches any overlay, supplement, or amendment to that contract, such that Distributor either suspends or terminates power supply, or suspends or terminates any product or other arrangements made available as an overlay, supplement, or amendment to the power supply contract.

SECTION 7 - AWARD ADJUSTMENT AND RECOVERY

- 7.1 Annual Award Adjustments. Each year, and immediately upon receipt of any notice pursuant to sections 5.1 and 5.2 above, TVA will calculate adjusted Maximum Annual Awards (Adjusted Awards) for the Evaluation Period. The Adjusted Awards will be calculated by applying the information, projections, and VII Metrics provided in Company's Annual Certification or notice to the same formula that was used in calculating the Maximum Annual Awards set out in the tabulation in section 4 above, except that the total kWh usage and highest Total Metered Demand for each month in the previous year will be used in the calculation in place of Company's projections for that period. If the Adjusted Awards are less than the Maximum Annual Awards for those years set out in section 4 above, the sum of Company's monthly Bill Credits in the remaining Award Period years will be equal to the Adjusted Awards for the remaining Award Period minus the difference between the monthly Bill Credits Company received and the amount that the Bill Credits would have been if they had been calculated using the VII Metrics provided in Company's Annual Certification or notice. Notwithstanding TVA's calculation of Adjusted Awards, it is expressly recognized that Company shall neither earn nor receive in any month Bill Credits greater than 1/12 the Maximum Annual Awards set out above.
- 7.2 <u>Disqualification</u>. During the term of this Agreement, TVA will use Company's <u>VII</u> <u>Metrics</u> and other information available to TVA during the <u>Evaluation Period</u> and <u>Award Period</u> to determine whether Company remains eligible to participate in VII. If at any time during the term of this Agreement TVA determines that Company ceases to qualify for VII, the Bill Credits provided under section 4 above shall be discontinued. At such time, if any, during the <u>Award Period</u> that Company provides certification that it again meets the VII eligibility requirements set forth in the VII Award Application, the Bill Credits will resume. Company shall not be eligible for and will not earn or receive any Bill Credits for those periods when it does not qualify for VII.

It is expressly recognized that (a) should Company provide notice to terminate its power supply contract which would become effective prior to the completion of the Award Period, Company shall cease to qualify for VII pursuant to A.2.2 of the VII Award Application and (b) Company shall not be eligible for and will not earn or receive any Bill Credits for those periods when it does not qualify for VII. It is further recognized that Company shall not be required to repay any award amounts to TVA under 7.3 below solely as a result of such termination notice, so long as Company did not receive Bill Credits during any period when it did not qualify for VII.

- 7.3 <u>Award Recovery</u>. Company shall not be eligible to receive Bill Credits under section 4 above and this Agreement shall be deemed to have automatically and immediately terminated if at any time any of the following occurs:
 - (a) Company fails to make the required Minimum Capital Investment;
 - (b) Company provides materially false information on its VII Award Application or Annual Certifications;
 - (c) Company falls to notify TVA of material changes in information provided in its VII Award Application or Annual Certification;
 - (d) Company materially breaches the power supply contract under which power is supplied to Company's <u>Qualifying Plant</u> or materially breaches any overlay, supplement, or amendment to that contract, such that Distributor either suspends or terminates power supply, or suspends or terminates any product or other arrangements made available as an overlay, supplement, or amendment to the power supply contract;
 - (e) Company's power supply contract otherwise expires or is terminated without being renewed or replaced by a power supply contract meeting the requirements of the VII Award Application; or
 - (f) Company ceases commercial operation of its Qualifying Plant.

Promptly upon receipt of an invoice, Company shall Immediately pay to Distributor any and all award amounts paid to Company during any period when Company was ineligible to receive Bill Credits as well as any and all award amounts in excess of those to which Company was entitled based on its actual <u>VII Metrics</u>.

7.4 Final Adjustment and Recovery. Upon receipt of Company's final Annual Certification and calculation of the corresponding Adjusted Award, Company's remaining monthly Bill Credits will be reduced by the difference between the monthly Bill Credits Company received and the amount that the Bill Credits would have been if they had been calculated using the VII Metrics provided in Company's final Annual Certification. In the event that the remaining Bill Credits are insufficient to recover the difference, Company shall immediately pay to Distributor the unrecovered balance of the difference.

SECTION 8 - ENHANCED GROWTH CREDIT

It is understood and agreed that Company and Distributor shall not enter into an Enhanced Growth Credit (EGC) participation agreement during the term of this Agreement.

SECTION 9 - WHOLESALE ADJUSTMENTS

9.1 <u>Company Credit</u>. Each month Distributor shall apply the Bill Credit to Company's power bill(s). TVA shall notify Distributor of (a) any adjustment to the Bill Credits provided

for under section 7.1 of this Agreement and (b) any discontinuance of Bill Credits in accordance with sections 7.2, 7.3, or 7.4 of this Agreement.

- 9.2 <u>Distributor Credit</u>. TVA will apply a monthly credit to Distributor's wholesale power bill equal to the Bill Credit applied by Distributor to Company's bill in that month.
- 9.3 Award Recovery. In the event that under the provisions of section 7.3 of this Agreement it is determined that Company received Bill Credits for which it was not eligible, Distributor and TVA shall fully cooperate in (a) endeavoring to collect from Company any amounts due under said sections 7.3 and/or 7.4 and (b) making appropriate adjustments to Distributor's wholesale power bill to pass through to TVA amounts collected from Company. The obligations of this paragraph shall survive any expiration or termination of the VII Participation Agreement until they are discharged.

SECTION 10 - CONFIDENTIALITY

It is expressly recognized that the VII Award Application and the Annual Certification are the property of TVA and are not intended for further distribution. Except as may be otherwise required by law,

- (a) TVA and Distributor will not disclose, except to each other, confidential information provided by Company in those documents or confidential information provided pursuant to 3.2 above without Company's written consent, and
- (b) Company shall not disclose those documents or their contents except to the following:
- (i) TVA or Distributor;
- (ii) Company's employees, representatives, auditors or other consultants so long as the disclosure (1) is not to a competitor of TVA or Distributor, (2) is made subject to a nondisclosure agreement entered into by Company's auditors and consultants who will have access to the documents, (3) is made solely on a "need to know" basis, and (4) is made subject to the requirement that all copies of the disclosed documents and contents be returned to Company or destroyed upon conclusion of an auditor's or consultant's work for Company. Company will make reasonable efforts to minimize the amount of any such information disclosed to its auditors or consultants;
- (iii) Company's affiliates, provided that (1) the disclosure is not to a competitor of TVA or Distributor, and (2) Company shall inform its affiliates of the confidential nature of the information and shall be responsible for any breaches of this provision by its affiliates in the same manner and to the same extent as if the breach had been made by Company. As used in the preceding sentence, "affiliates" shall mean, with respect to any entity, any other entity (other than an individual) that, directly or indirectly, through one or more intermediaries, controls, or is controlled by, or is under common control with, such entity. For this purpose, "control" means the direct or indirect ownership of fifty percent (50%) or more of the outstanding capital stock or other equity interests having ordinary voting power.

SECTION 11 - NOTICES

11.1 <u>Persons to Receive Notice</u>. Any notice required by this Agreement shall be deemed properly given if delivered in writing to the address specified below: (a) personally, (b) by recognized overnight courier service, or (c) by United States Mail, postage prepaid.

To TVA:

Valley Investment Manager
TVA Economic Development
26 Century Blvd., Suite 100 OCP 2
Nashville, Tennessee 37214

To Company:

Head of Energy Procurement Pilgrim's Pride Corporation 1770 Promontory Circle Greeley, Colorado 80634

To Distributor: President/CEO

West Kentucky Rural Electric Cooperative Corporation Post Office Box 589 Mayfield, Kentucky 42066-0589

11.2 <u>Changes in Persons to Receive Notice</u>. The designation of the person to be so notified, or the address of such person, may be changed at any time and from time to time by any party by similar notice.

SECTION 12 - WAIVERS

A waiver of one or more defaults shall not be considered a waiver of any other or subsequent default.

SECTION 13 - ENTIRE AGREEMENT

All terms and conditions with respect to this Agreement are expressly contained herein and Company agrees that no representative or agent of TVA or Distributor has made any representation or promise with respect to this Agreement not expressly contained herein.

SECTION 14 - SUCCESSORS AND ASSIGNS

This Agreement may be assigned by TVA, but shall not be assignable by Company or Distributor without written consent of TVA.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized representatives, as of the day and year first above written.

PILGRIM'S PRIDE CORPORATION

By Title: Head Fry Prant

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

Title: VPOF ECHANCE & ADM

TENNESSEE VALLEY AUTHORITY

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